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Lancaster Farming

Vol. 18 No. 40 | Lancaster Farming, Saturday, August 25, 1973 | $2.00 Per Year

FARM TRENDS

A summary of market and commodity news for the past week

by Dick Wanner

Visit Ag Progress Days

For the newest of the new, you'll want to see Ag Progress Days being held next Tuesday, Wednesday and Thursday Over 100 exhibitors have signed up for this year's event and the Ag Progress committee says it's expecting some 30,000 visitors A special Ag Progress Days guide starts on page 41

Holloway Family Foils Rustlers

It was like a latter day Western movie at the Clifford Holloway farm in Wakefield early Friday morning when a pair of would-be rustlers made off with eleven Holloway calves The two thieves drove straight through an electric fence and backed their pickup up to a small yard not more than 100 feet away from Holloway's bedroom window

"About one thirty in the morning, I heard some commotion out there, like something was bothering the calves," Holloway said "I went to the window, and I saw them just as they were leaving I called the State Police, and meanwhile my son, Cliff, got into his car and chased them down the road."

Young Holloway eventually caught up with the thieves, but he didn't try any Roy Rogers heroics The pickup was parked alongside the road, and the rustlers were scrambling to fix a tire that had gone flat Probably, Holloway conjectures, they poked a nail through the tire when they ran over the electric fence

Continuing on down the road, young Holloway contacted the Maryland State Police and the thieves were apprehended without much trouble They were young, 17 and 18, and didn't tell anybody what they planned to do with the calves.

The animals, eight heifers and three bulls, had been jammed into the pickup and covered with a canvas tarpulin. The oldest calf was six weeks old and the youngest was two weeks old Holloway said he told the police the animals were worth at least $125 to $150 apiece

On Friday morning, the Holloway family was working to keep the calves healthy, trying to get them to eat and giving

(Continued On Page 4)

Successful contenders in the Lebanon County plowing contest held last Wednesday were Sven Bomberger, seated, Mark Bomgardner, left, and Carl Bomgardner. All three men will compete in the State Plowing Contest to be held during Ag Progress Days.

Witmer Receives U.S. Guernsey Youth Award

When the American Guernsey Cattle Club held their annual meeting recently in Orlando, Florida, they named Lancaster County's own Peter Witmer as their 1973 Outstanding Guernsey Youth Award winner. The Penn State senior and son of Mr. and Mrs. Raymond Witmer, Willow Street RD1, had previously been named Outstanding Guernsey Youth for Pennsylvania.

Peter's national recognition caps a ten-year record of steady achievement in farm youth activities. In 1963, the year he got his first Guernsey heifer, Peter took a first prize in his first Lancaster County Guernsey Roundup. That blue ribbon was the first of many he was to collect over the years. A trophy case in the Witmer basement rec room today is crammed full of ribbons, plaques, citations and trophies.

Hard work and a firm commitment to dairying have been the twin keys to young Witmer's success. "I can't work too much at home, now, because I'm going to Penn State," he says. "But summers and during school vacations I do help out with the milking and all the other farm chores." As a seasoned showman, one of Witmer's extra duties is the preparation of all animals that are entered in dairy shows.

Another special duty is taking over the farm whenever his parents are away. Peter's father, Raymond, is serving his second five-year term on the board of directors of the American Guernsey Cattle Club, and he's active in other farm groups as well.

Peter has had plenty of opportunities for soloing as a farm operator. The first time he took over was for a ten-day period while his parents were in Seattle for the annual national Guernsey meeting. "I was only 15 years old at the time," Peter recalled, "and I thought I could hardly carry the responsibility. Now, it's still a great responsibility, but I don't feel nearly as unsure. I'm more confident of my ability to make rational farming decisions."

With his practical farming experience, and his dairy science degree from Penn State, Peter appears headed toward a successful career as a dairy farmer.

(Continued on Page 22)

Farm Calendar

Monday, August 27

8 p.m. -- DHIA Quarterly Directors meeting, Farm and Home Center.

Fulton Grange "Old Timers Night", Oakryn.

Tuesday, August 28

9 a.m. - 5 p.m. -- Agricultural Progress Days, Hershey, August 28-30.

10 a.m. -- State Plowing Contest, Contour and Small Plow Divisions, Hershey.

4-H District Dairy Show, Farm Show Building, Harrisburg.

Wednesday, August 29

10 a.m. -- State Plowing Contest, Large Plow Division, Hershey.

Southeastern FFA Regional Dairy Show, Farm Show Building, Harrisburg.

Reading Fair, August 29 - September 3.

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PlowmenCompete In Lebanon Co.

Ten plowmen turned out for the Lebanon County Plowing Contest on Wednesday, and three men were chosen to participate in the State Plowing Contest to be held next week during Ag Progress Days at Hershey. A soil and land judging contest was also held at the same time. Both events were joint efforts of the Lebanon County Agricultural Extension office and Soil Conservation Service. Prize monies and other assistance were provided by area equipment dealers. The contest was held on the Harry Bomgardner farm, north of Annville.

Carl Bomberger captured first prize in soil and land judging competition senior division. John Bomgardner was second, while John Moyer was third.

Dean Hoover came in first in the junior soil judging contest, Tim Krall was second and Tim Dundore finished third. Judges for the contest were Karl

(Continued On Page 24)

Local Livestock Market, Auction News

Lancaster Market

Monday, August 20

	Cattle	Calves	Hogs	Sheep
Today	1251	104	628	71
Last Week	1065	91	742	147
Last Year	972	161	793	169

CATTLE: Compared to last Wednesday, slaughter steers mostly 5.00 lower, instances 6.00 lower; cows 1.00 to mostly 2.00 lower; bulls and bullocks 3.50-5.00 lower. Supply included 72 per cent slaughter steers and 22 per cent bulls. The auction total was 1342.

SLAUGHTER STEERS: High Choice and Prime 1100-1350 lb. 53.50-54.50; Choice 950-1300 lb. 52.50-54.85, few head 55.25-56.10; Choice 1325-1475 lb. 52.10-53.50; high Good and low Choice 51.75-54.00; Good 49.10-53.00; Standard and low Good 46.75-49.25.

SLAUGHTER HEIFERS: Three head Choice 850-950 lb. 54.00-55.25; Good 48.00-50.00.

COWS: Utility and high dressing Cutter 36.00-38.25, few 38.50-39.50, individual 40.00; Cutter 34.50-37.00; Canner and low Cutter 33.00-34.50.

BULLOCKS: Choice 950-1300 lb. 52.00-55.00; Good 48.50-52.50.

BULLS: Yield grade 1 1200-1850 lb. 49.50-54.10, few 1450-1750 lb. 54.35-55.75, individual 1480 lb. 59.50; yield grade 2 950-1400 lb. 47.50-51.00, few low dressing 950-1250 lb. 44.00-47.75.

FEEDER STEERS: Around two loads Choice 950-1075 lb. with Good and Choice slaughter finish 54.25-56.50.

VEAL CALVES: Vealers steady to 1.00 lower.

VEALERS: Prime 81.00-82.00, couple 83.00; Choice 75.00-80.00; Good 67.00-74.00; Standard 62.00-67.00.

SHEEP: Spring lambs weak to 1.00 lower; slaughter ewes absent.

SPRING LAMBS: Choice 70-95 lb. 42.00-44.00; Good 70-95 lb. 39.00-42.00, few lots 55-75 lb. 35.00-38.00.

Growing Degree Days, Rainfall

A report from Penn State of weekly crop and weather roundups with a report on weather conditions for the week ending August 20.

In Lancaster, the average temperature for the week was 73 degrees, 1 degree above the normal average for the time of year; weekly high was 85 degrees, low 61 degrees.

Growing degree days from April 1 for crops that start at 50-degrees totaled 2285, or 58 more than normal in an average year.

Railfall for the week totaled .16 inches; rainfall from April 1 totaled 18.96 inches, or -.53 less than normal.

Vintage Auction

Tuesday, August 21

	Cattle	Calves	Sheep
Today	960	653	46
Last Week	666	703	33
Last Year	1160	752	49

CATTLE: Compared to last Tuesday, slaughter steers 7.00-9.00 lower, extremes 10.00 lower; cows 4.00-5.00 lower; bulls and bullocks 3.00-5.00 lower.

SLAUGHTER STEERS: High Choice and Prime 1000-1325 lb. 54.00-55.50; Choice 950-1450 lb. 52.75-54.85, few 55.00-55.75, couple 56.00-56.50; high Good and low Choice 51.00-54.35; Good 48.25-53.25; Standard and low Good 45.00-48.50.

COWS: Utility and high dressing Cutter 35.25-38.10, few 38.25-39.00; Cutter 32.75-36.00; Canner and low Cutter 31.00-33.00.

BULLOCKS: Choice 51.00-53.00, couple 55.50-56.50; Good 47.00-51.50.

BULLS: Yield grade 1 1150-1600 lb. 50.00-53.50, few 54.75-55.75, individual 2415 lb. 52.50; yield grade 2 1000-1500 lb. 46.00-50.00, few low dressing 43.00-45.00.

FEEDER STEERS: Choice 950-1075 lb. 53.35-54.60; Standard 1000-1150 lb. 45.25-45.50; lot Choice 750 lb. 60.85.

VEAL CALVES: Vealers steady to 2.00 lower. Supply included 394 in graded sale.

VEALERS: Prime 80.00-83.50, few 83.50-86.00; Choice 74.00-80.00; Good 70.00-75.00; Standard 63.00-70.00; Utility 80-110 lb. 57.25-60.00, 70-80 lb. 55.50-57.00.

RETURNED TO FARM: Bulk 90-125 lb. Holstein heifers 75.00-83.50; bulk 90-125 lb. bull calves 75.00-97.00.

SHEEP: Spring lambs 1.00-3.00 higher.

SPRING LAMBS: Few Choice 65-90 lb. 45.00-49.50.

Local Grain

Thursday, August 23

These prices are made up of the average prices quoted by five participating local feed and grain concers. It should be noted, however, that not every dealer handles each commodity. All prices are per bushel except ear corn which is per ton.

The average local grain prices quoted Thursday, August 23, 1973, are as follows:

	Bid+	Offered+
Ear Corn, Old	71.00	79.33
Shelled Corn	2.79	3.04
Oats, Local	1.10	1.32
Oats, Western	1.48	1.62
Barley	1.96	2.23
Wheat	3.71	4.08

+Bid is the price the dealer will buy from the farmer delivered to the mill. Offered is the price the dealer will sell for at his mill.

Lancaster Auction

Wednesday, August 22

	Cattle	Calves	Hogs	Sheep
Today	527	69	749	19
Last Week	757	52	569	68
Last Year	950	95	383	20
This Week's Auction	462	78	659	16
Last Week's Auction	825	52	569	68

CATTLE: Compared to Monday, slaughter steers 1.00-2.00 higher; cows mostly steady; small supply bullocks 1.00-2.00 higher; bulls 3.00-5.00 lower.

SLAUGHTER STEERS: High Choice and Prime 1100-1400 lb. 54.50-56.60; Choice 950-1475 lb. 54.00-55.50, few 56.00-57.10, few early sales 53.50-54.00; high Good and low Choice 53.25-54.25; Good 51.00-53.00; Standard and low Good 46.75-49.00.

COWS: Utility and high dressing Cutter 36.00-38.10, few 38.25-39.25; Cutter 34.00-36.00; Canner and low Cutter 33.00-45.00.

BULLOCKS: Few Choice 975-1200 lb. 53.50-55.10; Good 50.75-53.00.

BULLS: Yield grade 1 1100-1550 lb. 44.75-48.50, few 48.75-50.25; yield grade 2 42.50-45.00, few low dressing 40.50-42.00.

VEAL CALVES: Vealers strong to 2.00 higher, instances 4.00 higher on Prime.

VEALERS: Prime 81.00-85.00, few 86.50-88.00; Choice 75.00-81.00; Utility 90-120 lb. 45.00-51.50.

SHEEP: One lot Choice 94 lb. spring lambs fully steady at 43.50.

Peoria Cattle

Thursday, August 23

Receipts this week 4800, compared to last week 5500, and to last year 4600.

Compared with last weeks close, slaughter steers mostly 1.00-200 lower. Slaughter heifers 2.00-3.00 lower. Cows 2.00-3.00 lower and bulls steady. After opening the week on a sharply lower note, slaughter steers and heifers made some advance at midweek but not enough to offset the early decline.

SLAUGHTER STEERS: Choice and Prime 1100-1225 pounds 3-4, 55.25-55.75. Three loads at latter price. Choice 950-1200 2-4, 53.00-55.25. Mixed Good and Choice 900-1300 51.50-53.00. Good 50.00-51.50; few Good Holsteins 49.50-50.00.

SLAUGHTER HEIFERS: Load High Choice 930 pounds 3-4, 53.00. Choice 800-1000 2-4, 50.50-52.00. Mixed Good and Choice 800-1050 49.00-50.50. Good 48.00-49.00.

COWS: Utility and Commercial 35.00-38.00. Cutter 34.50-36.50. Canner 32.00-34.50.

BULLS: Yield Grade 1-2, 1100-1700 pounds 40.00-46.00. Individual yield grade 1-2, 48.00.

New Holland Auction

Thursday, August 23

	Cattle	Calves	Sheep
Today	792	450	11
Last Week	1300	511	14
Last Year	916	483	66

CATTLE: Compared to last Thursday, slaughter steers mostly 4.00 lower; cows 1.00-1.50 lower; bullocks 2.00-4.00 lower; bulls 4.00-7.00 lower.

SLAUGHTER STEERS: High Choice and Prime 1100-1300 lb. 56.00-57.25; Choice 950-1350 lb. 54.75-57.25, several purchased by the small retail trade 57.50-59.25, couple 59.60-60.00; high Good and low Choice 54.00-55.75; Good 51.00-54.00; Standard and low Good 48.00-51.00.

SLAUGHTER HEIFERS: Choice 900-1050 lb. 53.50-55.25.

COWS: Utility and high dressing Cutter 36.25-39.25, several 39.50-40.25; Cutter 34.75-37.25; Canner and low Cutter 32.00-35.00.

BULLOCKS: Choice 900-1250 lb. 52.50-55.00, few 55.25-55.75; Good 48.50-52.50.

BULLS: Yield grade 1 1100-1600 lb. 47.00-49.25, few 49.25-49.60, couple 1945-2270 lb. 49.00-49.50; yield grade 2 1000-1500 lb. 44.75-47.75.

VEAL CALVES: Vealers strong to 2.00 higher.

VEALERS: Prime 83.00-86.00, few 87.50-89.00; Choice 76.00-83.00; Good 72.00-77.00; Standard 65.00-72.00; Utility 90-120 lb. 55.00-65.00, 65-85 lb. 49.00-55.00.

SHEEP: Couple lots Good and Choice 70-80 lb. spring lambs fully steady at 40.00-43.00.

Monday, August 20

Calf Receipts 132, Market Steady. Choice and Prime 78-80; Standard 64-72; Good and Low Choice 74-78; Common 40-50.

Monday, August 20

15 loads of hay and 7 loads of straw sold as follows: (price per ton)

Alfalfa, few loads 38-67; Timothy 1 load 45; Mixed Hay 31-54; Hay 42; Straw 31-47; Corn 4 loads 49-82.

New York Dressed Meats

Thursday, August 23

Daily distributive - less than carlot meat trade:

Compared with Wednesday: Fresh meat wholesalers struggling to affect clearance of beef, lamb and pork as movement out of sales coolers is disappointingly slow. Retail buyers only acquiring token tonnage while H & R supply houses working on day to day orders and carrying no significant inventory. Advance carlot purchases for next week's arrival reportedly no better than needed for two days business.

Composite Report

Friday Weekly, August 24

	Cattle	Calves
This Week	3900	1200
Last Week	4604	1359
Last Year	4693	1493

CATTLE: Slaughter steers 3.00-5.00 lower than last week, instances as much as 10.00 off on Tuesday; cows 1.00-2.00 lower; bullocks 2.00-4.00 lower; bulls 4.00-7.00, extremes 9.00 lower. Supply included an estimated 50 per cent slaughter steers, 40 per cent cows and bulls, with balance mainly feeder steers.

SLAUGHTER STEERS: High Choice and Prime 1000-1325 lb. 54.00-56.75; Choice 950-1450 lb. 54.00-56.00, few 56.50-59.00; high Good and low Choice 53.25-55.50; Good 51.00-54.00, several early part of week 48.50; Standard and low Good 45.00-49.00.

SLAUGHTER HEIFERS: Choice 900-1050 lb. 53.50-55.25; Good 48.00-50.00.

COWS: Utility and high dressing Cutter 36.00-39.25, few 39.50-40.25; Cutter 34.00-37.00; Canner and low Cutter 31.00-35.00.

BULLOCKS: Choice 900-1250 lb. 52.00-55.00, few 55.10-55.75; Good 48.50-52.50.

BULLS: Yield grade 1 1100-1600 lb. 45.00-49.00, few 49.00-51.00; yield grade 2 1000-1500 lb. 42.50-47.00, few low dressing 40.50-42.00.

VEAL CALVES: Vealers strong to 2.00 higher.

VEALERS: Prime 81.00-86.00, few 86.50-89.00; Choice 75.00-81.00; Good 72.00-77.00; Standard 65.00-72.00; Utility 90-120 lb. 55.00-65.00, 65-85 lb. 49.00-57.00.

RETURNED TO FARM: Bulk 90-125 lb. Holstein heifers 75.00-83.50; bulk 90-120 lb. bull calves 75.00-80.00, couple lots 85.00-87.00.

Regional Hay Prices

Monday, August 20, 1973

(All hay No. 2 and better prices paid by dealers at the farm price per ton.)

Hay steady to $5 higher, straw steady.

Alfalfa	45.00-60.00
Mixed Hay	30.00-50.00
Timothy Hay	25.00-45.00
Straw	25.00-30.00
Mulch	10.00-20.00

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Hog Prices

Lebanon Valley Auction

Tuesday, August 21
427 Head of Hogs

Barrows and Gilts $2.50 to $3 lower.

Barrows and Gilts: U. S. 1-3 200 - 235 pounds 57.85 - 58.60; 2-3 200 - 250 57.75 - 58.00; few lots 2-4 135 - 185 47.00 - 55.25.

Sows: Few U.S. 1-3 300 - 350 pounds 46.00 - 50.00; 2-3 400 - 700 43.00 - 46.00.

Boars: 38.00 - 40.00.

Vintage Auction

Saturday, August 18

Hogs 640 6.00 to 6.50 lower. US 1-2 200-240 lbs. 56.25-56.75; US 1-3 190-240 lbs. 55.50-56.25; US 2-4 245-260 lbs. 53.25-54.75; US 2-4 175-180 lbs. 47.50-54.50;

Sows US 1-3 380-540 lbs. 46.50-50.75; Boars 41.50-43.25

Wednesday, August 22

Hogs 400. 1.00 to 1.50 lower. US 1-2 200-240 lbs. 59-59.60; US 1-3 200-260 lbs. 58.50-59;

Sows US 1-3 300-570 lbs. 48-50; Boars 47-53.

Indianapolis Auction

HOGS: 2500.

Barrows and gilts 3.50-to mostly 4.00 lower.

BARROWS & GILTS: US 1-2 200-235 lb. 53.75-54.50; US 1-3 195-235 lb. 53.50-54.00.

St. Louis Auction

HOGS: 4500.

Early sales barrows and gilts fully 3.00 lower on limited movement.

BARROWS & GILTS: 75 head US 1-2 200-230 lb. 55.25--for immediate slau. BULK SALES US 1-2 200-230 lb. 54.50-55.00.

Peoria Auction

Hogs: 3500.

Barrows and gilts opening unevenly 2.00-3.50 lower.

BARROWS & GILTS: US 1-2 200-240 lb. 54.00-54.50, few 55.00, some early sales 55.50-56.00; US 1-3 200-250 lb. 53.50-54.00.

Lancaster Market

Monday, August 20

Hogs 1012. Barrows and Gilts 6.00 to 6.25 lower.

US 1-2 200-220 lbs. 56-57.50; US 1-3 200-230 lbs. 56-57; US 2-3 230-250 lbs. 55-56; US 2-4 180-200 lbs. 54-56.

Sows US 1-3 300-575 lbs. 48-50. Boars 46-47.

Green Dragon Hay

Friday, August 17

13 loads hay, including: Few loads Timothy 31.00 - 41.00; few loads Mixed hay 30.00 - 48.00; one load Grass hay 39.00.

8 loads straw 34.00 - 39.50, one load at 44.00.

17 loads corn 67.00 - 89.50.

Lancaster Auction

Wednesday, August 22

HOGS: Barrows and gilts 2.00-3.00 higher.

BARROWS AND GILTS: Couple lots US 1 210-240 lb. 60.00; US 1-3 200-250 lb. 58.10-58.85; Few US 2-3 260-270 lb. 56.00-56.75; US 1-2 190-200 lb. 57.10-57.85.

New Holland Auction

Monday, August 20

Hogs 1012. Barrows and Gilts 6.00 to 6.25 lower.

US 1-2 200-220 lbs. 56-57.50; US 1-3 200-230 lbs. 56-57; US 2-3 230-250 lbs. 55-56; US 2-4 180-200 lbs. 54-56.

Sows US 1-3 300-575 lbs. 48-50. Boars 46-47.

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Omaha Cattle

Thursday, August 23

Compared. to the previous week's close: Slaughter steers 1.50-2.00 lower, mostly 1.50 lower. Heifers 50-75c lower. Cows closed 1.25-1.50 lower, bulls fully steady. Feeder cattle 2.00-3.00 lower.

Four day receipts 11,870 as compared with 15,250 previous week and 14,725 a year ago. Slaughter steers approximately 32 percent, heifers 36 percent, mainly Good and average Choice, only small showing high-Choice and Prime. Cows 14 percent, feeders 16 percent.

Monday's slaughter cattle offering the largest in six weeks and price decline sharply as packer buyers operated very cautious and selective. The week's supply was poorly distributed over the trading period when more than 50 percent arrived on Monday. Part of the early decline was regained later under fairly reliable demand with the trade again supported for cattle on a custom kill basis. An increased supply of yield grade 4 steers was included in the offering.

STEERS: Early in the week six loads Choice with small end Prime 1074-1325 pounds 3-4 54.00. At mid week load Choice and Prime 1119 pounds 3-4 55.00, and bulk Choice 975-1300 2-4 53.00-54.50. Mixed Good and Choice 950-1200 52.25-53.00. Good 50.00-52.00, Standard and low-Good 47.00-50.00

Average cost slaughter steers first three days 52.97 and 1121 pounds as compared 55.98 and 1107 pounds previous week and 33.77 and 1099 pounds a year ago.

HEIFERS: Three loads high-Choice and Prime heifers 942-1037 pounds 3-4 53.75-54.00, several loads Choice with end Prime 902-1010 3-4 53.25-53.50. At the close Choice 925-1025 2-4 51.75-53.25.Good and Choice 750-1000 50.00-51.75, Good 47.00-50.00, few Standard and Good 45.00-47.00.

COWS: At the close Utility and Commercial 35.50-37.25. Canner and Cutter 32.00-35.50, mixed Cutter and low-Utility 35.75-36.25. Shelly Canner 28.00-32.00.

BULLS: Few Yield grade 1 1500-2000 pounds 45.50-47.50, bulk yield grade 1-2 1400-2100 43.00-45.00.

FEEDERS: Feeder cattle prices closed 2.00-3.00 lower. The supply largely fleshy two-way steers. Outshipments of 2,000 head about the same as the previous week.

STEERS: Three loads Choice 648-688 pounds 58.00-61.50. Choice 916-1114 53.00-54.00. High-Good and Choice 850-1072 51.00-52.50. Three loads mostly Good 850-978 50.00-50.50. Load Standard and Good 635 pound Holsteins 58.00.

HEIFERS: Two loads Choice 510 pounds 59.50. High-Good and Choice 879-923 49.50-51.00. Two loads and part loads mostly Good 896-913 48.50-49.00.

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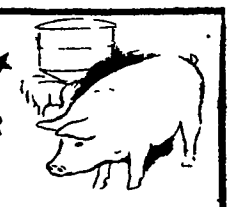

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Futures Trading

(Closing bids as of Thursday, August 23)

	Chicago Cattle	Chicago Hogs	New York Maine Potatoes	Chicago Fresh Eggs
September				67.15
October	52.77	50.37		65.65
November			4.60	71.50
December	54.32	52.02		76.50
January '74				69.75
February	55.12	52.32		64.40
March			5.60	61.20
April	55.05	51.05	5.87	
May			6.85	
June	55.27	51.95		
July		51.95		
August	54.40	50.00		
October	53.50			

Trend - Cattle are Lower, Hogs are Lower, Potatoes are Stronger, and Eggs are Lower.

a-asked b-bid n-normal

Markets provided by Commodity Dept., Reynolds Securities, Inc.

Lebanon Valley Auction

Tuesday, August 21
234 Head of Cattle

Compared with last weeks market, slaughter steers $1 to mostly $5 lower. Slaughter cows 25 cents to $1.50 lower. Slaughter bulls $2 to $5 lower.

STEERS: Choice 1000 - 1200 pounds 53.00 - 54.35, couple to 55.00; Good 51.75 - 53.00; Standard 49.85 - 50.50.

HEIFERS: One Choice 54.00; Standard and Good (few) 50.00 - 52.00.

COWS: Utility and High Dressing Cutter 36.25 - 38.60; Cutters 34.50 - 37.00; Canners 32.50 - 35.00; Shells down to 30.50.

BULLS: Choice 51.35 - 53.00; Utility and Commercial 47.25 - 50.85.

255 Head of Veal Calves

Choice and Prime (few) 74.00 - 81.00; Utility 90 - 120 pounds 55.00 - 61.00; 70 - 85 49.00 - 55.00.

FARM CALVES: Holstein Bulls 70 - 85 pounds 58.00 - 62.00; 90 - 135 68.00 - 61.00; 70 - 85 49.00 - 55.00.

FARM CALVES: Holstein Bulls 70 - 85 pounds 58.00 - 62.00; 90 - 135 68.00 - 80.00; Holstein Heifers 70 - 85 78.00 - 83.00; 90 - 135 95.00 - 135.00.

8 Head of Sheep

Choice 75 - 80 pound spring slaughter lambs (few) 38.00 - 40.00.

New Holland Horse Auction

Monday, August 20

Reported receipts of 586 head of horses, mules and ponies; market steady with last weeks market.

Load Tennessee riding horses 225 - 440.

Load Kansas riding horses 180 - 520.

Load Ohio riding horses 195 - 325.

Local work horses 325 - 425; driving horses 180 - 310; riding horses 175 - 250; better horses 165 - 440.

Killers: Lightweight 14 - 17; heavyweight 20 - 25.

Mares 30 - 60; colts 8 - 14; geldings 25 - 55; larger ponies 65 - 85.

New Holland Dairy Cattle

Wednesday, August 22

Reported receipts of 55 cows, 28 heifers; market stronger than last weeks market.

Load Franklin County springers, 560 - 1000, one Purebred Whirlhill Kingpin daughter, 1700.

Load Vermont cows, fresh, 600 - 720.

Load Wisconsin cows, fresh, 550 - 830.

Load Pennsylvania cows, fresh, 580 - 700.

Load Virginia springers, 540 - 730.

Locally consigned cows, 390 - 690.

Springing heifers, 495 - 670.

Fed. Order 4 Base Milk Is Up 4c in July

The July uniform price for base milk increased 4 cents from the previous month in the Federal Order 4 Philadelphia market area according to Andrew Marvin, Ephrata, fieldman for Interstate Milk Producers Cooperative. Excess milk showed an increase of 19 cents.

In comparison to July levels one year ago base milk was up 78 cents and excess up 83 cents.

The weighted average price for the market was $7.38, an increase, of 77 cents above July 1972.

A total of 366 million pounds of producer milk was pooled in July of which 60.75 percent was sold as Class I, showing an increase of 0.16 percent of deliveries made in June, and an increase of 0.7 percent above July a year ago.

U. S. Inspected Livestock Slaughter

Estimated Daily Livestock Slaughter Under Federal Inspection

	CATTLE	HOGS	SHEEP
Week to Date	404,000	864,000	129,000
Last Week	411,000	990,000	151,000
Last Year	491,000	1,167,000	137,000

Poultry Market Reports

Delmarva

Wednesday, August 22
Broiler-Fryer Market

Ready to cook movement continues good as feature activity stimulates needs. Slaughter schedules generally heavy though occasional plant not operating because of being flooded by heavy overnight rains. Less than trucklot prices held unchanged. Live supplies ample and often heavier than desired as a result of limited killing during the past couple of weeks. Undertone fully steady to firm.

Pool trucklot prices for Thursday arrival US Grade A 54-59, mostly 54-55; Plant Grade 53-57, mostly 53-54.

Fogelsville

August 21, 1973

(Prices paid dock weights cents per lb.)

Hens, light type 12-19; Hens, heavy type 16½-57, mostly 35-40; Pullets 37½-53, mostly 44-50; Roasters 30-53, mostly 42-51; Ducks 16-50; Drakes 16-50; Geese 52 Turkeys, Hens 58; Rabbits 50-60½, mostly 55-60; Guineas 1.30; Pigeons (per pair) 85-3.00;

Total coops sold 372.

Poultry received Monday 7 p.m. to 10:30 p.m. Tuesday 7 a.m. to 12 Noon. Sale at 11:30 a.m

Directions - Take Rt. 22 thruway. Exit at Fogelsville Exit. North on stoplight in Fogelsville. Turn left, proceed 1 mile.

Egg Market

Wednesday, August 22
Philadelphia Eggs

Prices Steady. Demand fair though unaggressive. Offerings fully adequate on all sizes. Undertone unsettled.

Prices to retailers: Sales to volume buyers, consumer grades white eggs in cartons, delivered: store door A Extra Large 80-81½; A Large 79-80½; A Medium 70-71½.

Wednesday, August 22
Baltimore Eggs

Prices on mediums 2 cents lower large steady. Demand only fair. Supplies are ample and some restricting receipts until inventories worked down.

Cartoned Eggs: Prices to retailers, state graded (min one case sale) White Grade A Large 82-88, mostly 83-85, Grade A Medium 74-82, mostly 75-77.

Eastern Pa. and N. J.

Wednesday, August 22
Live Poultry

Prices steady to slightly lower on light type hens. Demand good for slightly increased offerings as slaughter plants increase operating time in some quarters. Offerings of heavy type hens very limited and generally short of needs.

Prices paid at farm: Light type hens 18-25, mostly 23-24 in Pa., mostly 22-25 in N. J. Heavy type hens TFEWR.

Weekly New York Egg Market

From Monday, August 20th to Friday, August 24th

	Mon.	Tues.	Wed.	Thurs.	Fri.
WHITE					
Fcy. Ex. Large	79	79	79	76	76
Large	75	75	75	73	73
Mediums	69	67	67	65	65
Pullets	60	58	58	55	55
Peewees	42	42	42	39	39
BROWN					
Fcy. Large	75	75	75	73	73
Mediums	Unquoted				
Pullets	Unquoted				
Peewees	Unquoted				
Off Grade Large	70	70	70	67	67
Checks	58	58	58	57	57

Long Tone - Slightly steadier.

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New England Weekly Shell Egg Report

Tuesday, August 21

Prices paid per dozen Grade "A" brown eggs in cartons delivered to retail stores:

	EX LARGE	LARGE	MEDIUM	SMALL
MASS+	85-89	83-86	79-83	60-63
Mostly	87-88	83-85	79-81	60-62
NEW HAMP	81-88	79-86	69-76	54-60
Mostly	83-84	81-82	71-72	56-57
R. I.	85-86	83-84	79-80	60-61
Mostly				
VERMONT	87-94	85-92	82-90	
Mostly				
MAINE	87-89	85-87	75-77	60-62
Mostly				

+Includes Central and Western Sections Only.

Oklahoma City

Thursday, August 23

Estimated Receipts	12,000
Same Day Last Week	15,058
Same Day Last Year	11,476

Fairly active, compared to late last week, feeder cattle and calves 2.00-4.00 lower, bulk supply Good and Choice 500-800 pound steers and 450-650 pound heifers.

FEEDER STEERS: Choice 300-400 pound 74.00-83.50; 400-500 71.50-74.00; 500-600 63.00-68.50; 600-700 60.00-65 80; 700-800 55.00-61.00, fleshy 750-900 52.00-59.00; mixed Good and Choice 400-500 68.00-72.00, 500-600 60.00-65.00; 600-700 58.00-63 00. Good 500-700 52.00-62.00.

FEEDER HEIFERS: Choice 450-500 pound 56.00-61.00; 500-600 55 00-58.20, 600-700 52.00-56.10; 700-800 49.00-54 00, mixed Good and Choice 350-550 54 00-58 00.

Pa. Broiler Placements Up 18 pct.

Placements of broiler chicks in the Commonwealth during the week ending August 18, 1973 were 1,313,000. The placements were 18 percent above the corresponding week a year earlier, and 1 percent above the previous week. Average placements during the past 10 weeks were 10 percent above a year earlier.

Settings for broiler chicks were 1,877,000 - 2 percent below the previous week and 3 percent above the comparable period a year earlier. The current 3-week total of eggs set is 7 percent above the same period a year ago Inshipments of broiler-type chicks during the past 10 weeks were zero compared with 27,000 a year ago. Outshipments averaged 302,000 during the past 10 weeks, 15 percent above a year earlier.

21 STATES

Placements in the 21 States were 58,316,000 - approximately the same as the previous week and nearly the same as the corresponding week a year earlier.

Average placements during the past 10 weeks were 4 percent below a year ago. Settings were 70,823,000 - 1 percent below the previous week and 1 percent below a year earlier. The current 3-week total of eggs set is 1 percent below the comparable period a year ago.

Cotton Aids Trade Balance

Cotton exports in the current season are expected to contribute approximately $750 million to the nation's export earnings.

FARM TRENDS

(Continued from Page 1)

them antibiotics. Holloway said they seemed to be alright, but he planned to watch them closely for signs of pneumonia.

CLC Zaps Milk Board

The Cost of Living Council listened to the arguments for a Pennsylvania Milk Marketing Board price increase this week and tossed it out Some observers feel the increase will go through on September 12, some feel it won't go through at all, and many feel that the latest stumble by the PMMB is just another example in a Shapp-McHale-Kapleau effort to scuttle the board altogether. The govenor reportedly wants to live up to a campaign promise to get rid of the board in order to lower prices to consumers There is, in fact, an administration-sponsored bill in the State Senate which would do away with the board Political machinations aside, the Cost of Living Council action is seen as having little effect on dairymen here and across the state, since most dairies have already voluntarily increased their payments to dealers along with their retail prices Some market uncertainty is seen resulting from the PMMB's repeated goofs, and this could mean a slowing down of hikes in prices to farmers who need more money to handle higher costs

Area Farmers Attend Flying Farmer Meet

Many local Pennsylvania Flying Farmers were among the 1,100 attending the 28th annual convention of the International Flying Farmers held in Milwaukee, Wisconsin, August 12 through August 17. Pennsylvania delegates were Charles Dickey, Slippery Rock; William Engle, Cochranville; and Leebert L. Logan, West Chester. Mr. Logan has been co-chairman of the Insurance Committee and this year was made chairman. His responsibility will be to administer group life, group accident, and group aircraft insurance programs for the nearly 9,000 members in Canada, Mexico, and the United States.

New International officers elected were as follows: President - Ernest N. Thorp, Clinton, Ill,; Vice-President - Walter L. Thompson, Pierre, S.D.; Treasurer - Darrell Dehn, Clinton, Mo.; and Secretary - Allan Murphy, Ontario, Canada.

Lancaster Farming

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Record-Express Office Bldg
Phone: Lancaster 717-394-3047 or Lititz 717-626-2191
Richard E. Wanner, Editor
Subscription price: $2 per year in Lancaster County: $3 elsewhere

Established November 4, 1955
Published every Saturday by Lancaster Farming, Lititz, Pa
Second Class Postage paid at Lititz, Pa. 17543
Members of Newspaper Farm Editors Assn., Pa Newspaper Publishers Association, and National Newspaper Association.

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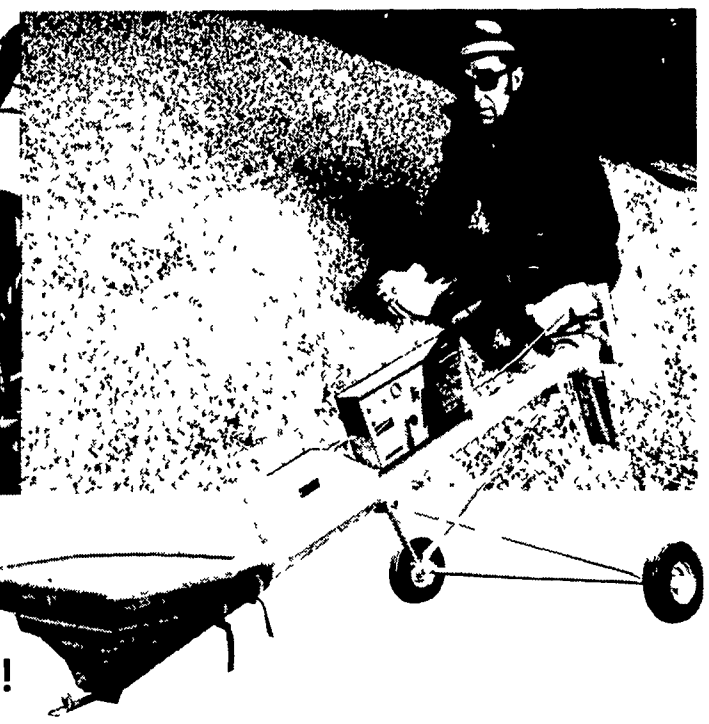

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Untreated high-moisture corn is fed from two concrete silos until about April. "To do this," he says, "you must be able to feed out enough corn each day—even in the winter—so the corn won't mold."

Through the summer he feeds the treated corn through his automatic grinding and feeding system. Treated grain handles as easily as shelled corn.

The ChemStor method allows him to continue a high-moisture program year-round, without dips in herd production. The Christman cows continue high production through the change to ChemStor treated grain.

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THE OLD FARMER'S ALMANAC

AUG. 27-SEPT. 2, 1973

The seasons come, the seasons go.

Oysters in season now . . . P. T. Barnum boom for President started this week in 1855 . . . New Moon Aug. 27 . . . Hay fever peak now . . . Average length of days for the week, 13 hours, 15 minutes . . . Cranberry harvest begins . . . "Hot Line" to Moscow opened Aug. 30, 1963 . . . First speeders jailed, Newport, R.I. Aug. 28, 1904 . . . He that riseth late must trot all day.

Old Farmer's Riddle: Why does a coat get larger when taken out of a small suitcase? (Answer below.)

Ask the Old Farmer: I was told I didn't amount to a "tinker's dam." What's that? A. L., Pittsburgh.

Anything, such as a lump of dirt, to prevent melted solder from running off the desired spot.

Home Hints: For unusually attractive table decorations try purple eggplant with lemons, green peppers and tomatoes . . . Expect fair weather if swallows fly high, rain is coming if they stay near the ground . . . *Riddle answer* You find it in creases.

OLD FARMER'S WEATHER FORECASTS

New England: Rain to start, then clear and pleasant continuing to end of week.

Greater New York-New Jersey: Week begins cloudy, then rain by midweek; end of week clear and very warm.

Middle Atlantic Coastal: Heavy rain at first, then clearing and cool; clear and very warm latter part.

Southeast Coastal-Piedmont: Cloudy and cool through midweek, then rain; clear and hot on weekend.

Florida: Week begins partly clear and hot, then rain by midweek; rain continuing to end of week.

Upstate & Western N.Y.-Toronto & Montreal: Heavy rain to start, then clear and cool; end of week clear and hot.

Greater Ohio Valley: Cloudy and hot at first, then clear and cooler; clear and very warm latter part.

Deep South: Intermittent light rain most of week; partially clear and hot on weekend.

Chicago and Southern Great Lakes: Moderately heavy rain and hot to start, then clearing and cooler; end of week clear and hot.

Northern Great Plains-Great Lakes: Moderately heavy rain at first, then clear and very warm to end of week.

Central Great Plains: Rain to start, then clearing; cloudy latter part, then scattered showers on weekend.

Texas-Oklahoma: Cloudy and hot at first, then cooler and some rain; end of week fair and hot.

Rocky Mountain Region: Light rain and hot all week.

Southwest Desert: Week begins partly cloudy, then very hot; heavy rain latter part, then cloudy with highs near 100 on weekend.

Pacific Northwest: Clear and very warm to start, then showers; end of week cloudy and cooler, then light rain on weekend.

California: Overcast most of week, with scattered showers latter part; clear and warm on weekend.

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European Processor Urges Expanded Soybean Production

A leading European oilseed processor urged American Soybean Association delegates to expand production in order to "reinstate trust in U. S. soybeans" following administration embargoes.

Arnold Mergell, president of the Federation of European Oilseed Processors (FEDIOL) who heads his own plant in Germany, also warned that a combination of the embargo and current prices has encouraged production of other protein sources.

FEDIOL members annually purchase about 260 million bushels of U. S. soybeans.

"Such measures as the embargo may be helpful for domestic purposes but are inexcusable if you weigh them against the damage they have done to international trade and morale. After all, it was the U. S., the most powerful military and economic basis of this world, which carried the torch of free trade. And, if I am correctly informed, only last year the U. S. impressed trade partners to enlarge purchases of agricultural commodities.

"We must produce more beans. I am very glad that your government has already decided to further that target by requiring no more set-aside acreage in the 1974 season. This move should free about 19 million acres.

"China has become a net importer and may or may not continue to supply insignificant quantities to Japan, but worldwide this source of supply is gone. Brazil is making every effort to encourage production. Other parts of the world may try to grow more soybeans, but in my opinion, they will not be able to produce supplies worth talking about.

"We are seeing extremely high prices that have prompted many soybean meal users to look for substitutes. They can be found. Although protein from mineral oil and other sources cannot replace soybean meal entirely, the danger exists that the trend to substitutes will be favored."

Pa. Broiler Placements

Placements of broiler chicks in the Commonwealth during the week ending August 11, 1973 were 1,299,000. The placements were 3 percent above the corresponding week a year earlier, and 2 percent below the previous week. Average placements during the past 10 weeks were 9 percent above a year earlier.

Settings for broiler chicks were 1,913,000 - 6 percent below the previous week and 5 percent above the comparable period a year earlier. The current 3-week total of eggs set is 9 percent above the same period a year ago.

Inshipments of broiler-type chicks during the past 10 weeks averaged 1,000, compared with 34,000 a year ago. Outshipments averaged 296,000 during the past 10 weeks, 13 percent above a year earlier.

Placements in the 21 States were 58,162,000 - 2 percent above the previous week and 3 percent below the same week a year earlier. Average placements during the past 10 weeks were 4 percent below a year ago.

Settings were 71,394,000 - 1 percent below the previous week and 2 percent below a year earlier. The current 3-week total of eggs set is 2 percent below the comparable period a year ago.

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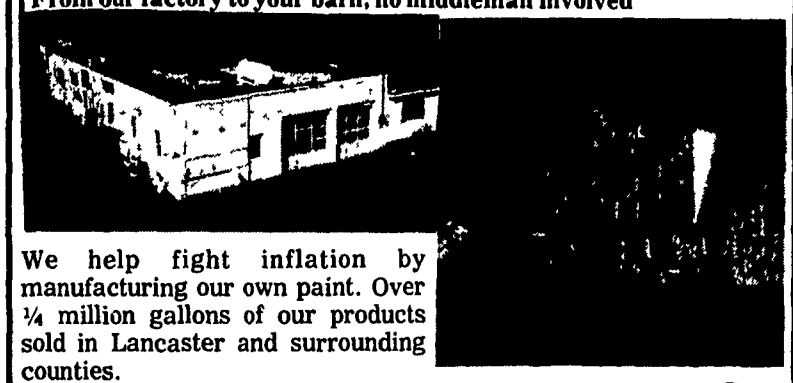

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Peifer in Training Program

Martin E. Peifer, Lititz RD3, has joined Pennfield's management training program. He is currently serving his apprenticeship at L. M. Sheaffer Company, the firm's egg division in Ephrata.

Prior to joining Pennfield, Peifer was distribution and hatchery manager for Indian River Poultry Farm. Before that, the Lancaster Mennonite School graduate was self-employed on his father's farm.

A native of Lancaster County, Peifer is married to the former Joyce Hoover of Hinkletown. The couple have two daughters and twin sons.

Pennfield Corporation's management training program is designed to bring young prospective executives into the company. The trainees will eventually move into key positions within Pennfield's five divisions. The training period is set for six months to one year with an on-the-job rotation program being a prime phase of the curriculum.

Although Pennfield feels very strongly about promoting from within, corporate growth necessitated creating the management training program. A well-rounded team of veterans combined with new blood is projected in the corporation's future growth structure.

Martin E. Peifer

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Westminster, Md. 21157
Supervisor, Maryland

TROJAN SEED CO.

Soybean Farmers Must Plan Their Futures

In the middle of an unprecedented demand for soybeans U S farmers must continue to plan for their own future with priority on education of the consuming public and elected officials, according to Harold Kuehn, American Soybean Association (ASA) president.

"The tragic results of not educating these people can be seen in the events of this summer For years, taxpayer groups have cried that their tax dollars subsidized rich farmers with payments not to plant. The jokes initiated by the uneducated pictured the farmer in an easy chair calculating government income for not raising hogs. As you well know, that was never the case. But, the uninformed urbanites believed it."

Kuehn made his remarks at the opening session of the ASA national convention.

"The soybean farmer insured his own independence from government by expanding markets for his product The meat price freeze and the soybean embargo said in effect that farmers do not deserve a decent income from either government tax dollars or free market prices. We are moving through a transition but it is evident that a vast number of uniformed people in the country are determined that farmers will have neither government nor the market."

He told convention delegates "no other agricultural commodity can look forward to the potential growth possible for soybeans". In 1963, demand was only 700 million bushels.

"ASA has turned many problems into opportunities in recent years. But, we have to keep moving forward instead of standing still.

"U S. farmers must sharpen market development skills—hone them to a razor's edge so that every dime we spend brings us a dollar's worth of new markets,"

Introduce New Apricot Variety

Goldrich, an improved early-ripening apricot variety, has been jointly introduced by the U. S. Department of Agriculture (USDA) and the Washington Agricultural Experiment Station.

Developed by USDA's Agricultural Research Service and the Washington State University's Agricultural Experiment Station, Pullman, Goldrich was originally released in 1971 as "Sungiant," but has been renamed because of infringement upon an existing trademark.

Goldrich is being introduced for the fresh market to replace the Wenatchee variety because the fruits are earlier-ripening, more uniform in ripening, more attractive and firmer and because the trees are more resistant to winter injury.

Goldrich fruit resembles that of Sun-Glo, but is larger -- reaching 2½ inches in diameter with proper thinning. The flesh is an attractive deep orange, firm, fine-textured and acid until fully mature. The ground color must be allowed to develop fully before harvest to assure maximum quality and low acidity.

Limited quantities of scion-wood may be obtained from: T.K. Toyama, Irrigated Agricultural Research and Extension Center, Prosser, Wash. 99350. USDA and the Washington experiment station have no trees for distribution

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HOW NEWSPAPERS MIGHT HAVE REPORTED FAMED BIBLICAL EVENTS

Although millions of Americans will be enjoying Jaffa oranges and other products imported from the Holy Land this year, few realize how Biblical events connected with the Holy Land might be reported in American newspapers

A former newspaper editor, now working at Zim Israel Navigation Ltd., parent company of Zim Container Service for shipping freight which has just completed its first successful freight carrying year, has sent in his ideas on how the news might look

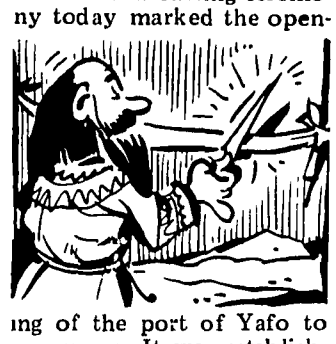
CRUISE NEWS

The freighter, S.S Ark, landed at the Port of Mt Ararat today after a 40-day cruise of the Mediterranean It was the first reported postdiluvian arrival at the port, in fact it was the first arrival ever at the 17,000

foot high spot. The ship was captained by a late landlubber named Noah, carried cargo consisting largely of livestock, poultry and other endangered species. There were also seven passengers aboard consisting mostly of the relatives of the captain

PORT PROJECT

A ribbon-cutting ceremony today marked the open-



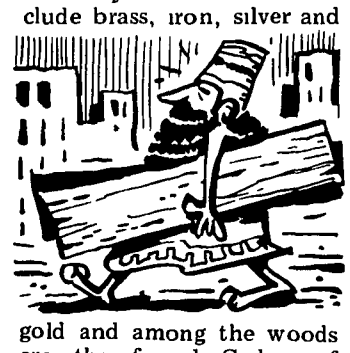
ing of the port of Yafo to commerce It was established after the waters of the deluge receded by Japhet Ben Noah His father was noted as the skipper of the ark and the coiner of the phrase, "Apres le deluge, moi" Asked about the selection of the site, Japhet replied, "I feel this is likely to be the center of farming and expect to export great quantities of citrus fruits through this port After all, Mt Ararat seemed a bit impracticable as a port site."

WHALE OF AN IDEA

Jonah, the prophet, who set sail for Tarshish from Yafo some time ago and was thrown overboard because the officers and crew of the ship on which he sailed felt that a storm to which they were subjected was due to God's vengeance, returned to port today aboard an unorthodox vessel called the S.S Leviathan, reputedly a whale It is said there were no cabins and that he traveled in the belly compartment.

ART FACTS AND FANCIES

S S Phoenicia arrived in port today with a cargo of metals and wood artifacts from Tyre The metals include brass, iron, silver and



gold and among the woods are the famed Cedars of Lebanon The ship was crewed by members of both the navies of Solomon and King Hiram of Tyre. It is believed today's cargo is destined for the Temple which is planned by King Solomon.

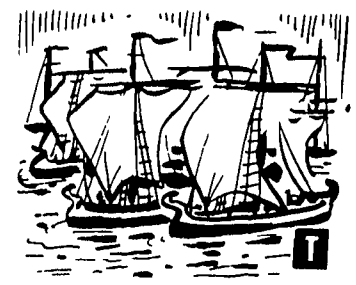
A MATTER OF FACT

Ship reporters were rowed out to the royal quinquereme to interview Her Maiesty, the Queen of Sheba, arrived today for a week's state visit. Awaiting her debarkation were King Solomon and his retinue, mainly members of his court Rumors persist that the visit will result in great new commer-

ical pacts with the wealthy nation of Sheba. It is expected that gold and spices from Sheba will be traded for copper from Solomon's Mines near Ezion-geber, the industrial city where it is smelted

SAIL-MAN SHIP

The ships coming down the ways in Ezion-geber beside Eloth on the shore of the Red Sea in the land of



Edom are adding to the already huge navy of King Solomon These ships often crewed by the combined navies of Solomon and Hiram, King of Tyre, ply not only the Red Sea but the Sea of the Philistines even to the Gates of Hercules

GOING THE DISTANCE

The S S Nineveh, a quinquereme, arrived today from distant Ophir with an exotic cargo consisting of gold and silver, ivory, apes and peacocks. The port of origin was Tarsessus in the country of Tarshish.

Try A Classified Ad!

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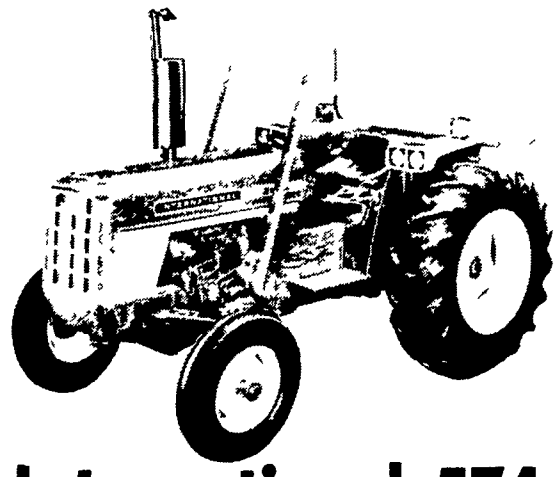

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Beef Council Reports Record Promotion Year

The beef industry's promotion-advertising-education program for the past year set new records in reaching consumers, according to reports presented at the business session of the Beef Industry Council of the National Live Stock and Meat Board in connection with the recent Annual Meeting of the Meat Board in Omaha, Neb. John Huston, V.P. - Secretary and Jay Wardell, Promotion Manager reported on BIC's 1972-73 activities.

"In all, we distributed nearly 6.2 million consumer booklets, folders, leaflets and charts last year," Huston stated.

A most impressive part of the program, according to Wardell, was a $300,000 state-national advertising campaign sponsored on a 50-50 basis by BIC and beef promotion groups from 22 states. Both magazines and network radio were used, including 11 ad insertions in 10 different popular women's magazines and special beef commercials on NBC and ABC radio Networks two weeks prior to Christmas, and on NBC and CBS Networks during the week before Father's Day. The magazine and radio ads had the potential for making 103 million and 73 million impressions, respectively, on women readers and listeners.

Through its Outdoor Advertising Service, BIC distributed 1,400 full-color posters. At an average rental charge of $100 a month, the total amount spent for the posters by retailers and restaurants was about $140,000. The addition of two new designs during the year makes a total of seven posters now available.

Four full-color, full page releases featuring beef went to newspaper food editors throughout the country. They were run in 397 newspapers having a total circulation of 22 million. The equivalent in paid space advertising would have been $376,000.

Editorial and educational materials included distribution of two TV Newsclips aired by 160 stations with a total of 43 million viewers, and two educational beef films shown in 5,000 classrooms with 325,000 student viewers.

Advertising services provided to retailers included the "Great American Beef" TV commercials distributed by BIC and used in 70 TV markets which reach 40 percent of the TV homes in the United States.

In a cooperative program with Kraft Foods, BIC participated in "Cook-Ins and Cook'Outs" promotion with in-store displays featuring beef and Kraft Barbecue Sauce. Some 50,000 pieces of point-of-purchase materials were installed by the Kraft sales force.

Other accomplishments during the year included distribution of 80,000 pieces of point-of-purchase materials, production of a new set of quantity recipes for the food service industry.

Gap Firm Granted Temporary Variance

The Department of Environmental Resources announced that it has granted a temporary variance to Compass Quarries Inc., Gap RD1, for the installation of a filter cloth collector to control fugitive emissions from its limestone crushing and screening operations.

According to the order issued by the Department, the firm is required to intitiate construction on or before January 15, 1974 and to have the new equipment, designed to control emissions to within the limits of the Rules and Regulations of the Department, in operation on and after March 19, 1974.

Food Retailers Obligations

The U. S. Department of Agriculture (USDA) issued a publication to help food retailers understand their rights and responsibilities under the federal law governing the marketing of fresh or frozen fruits and vegetables.

Entitled "The Food Retailer and PACA," the pamphlet explains the Perishable Agricultural Commodities Act (PACA) as it applies to food retailers who are subject to this law -- their obligations under the Act, how it applies to their operations, licensing requirements, and how to contact UDSA's Agricultural Marketing Service for help or more information.

Free copies of "The Food Retailer and PACA," Program Aid 794, are available upon request to the Office of Communication, U. S. Department of Agriculture, Washington, D. C. 20250. Please include your zip-code.

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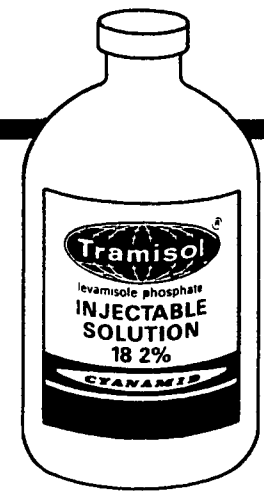

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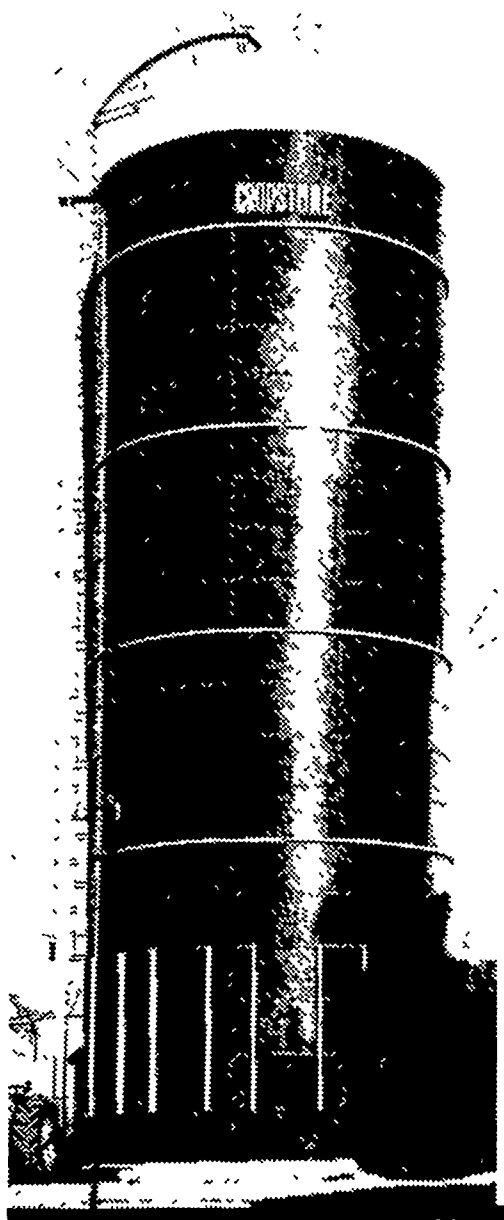
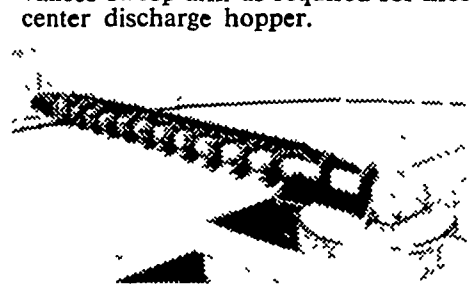
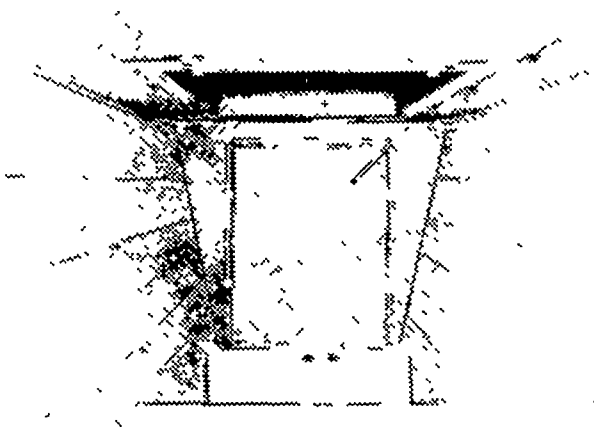


CROPSTORE features the fast, proven dependable Laidig bottom unloader—for discharge of just right amounts of feed with a convenient press of a button in the handy operating control panel. Near silo wall where compaction is greatest, the auger end is tapered for increased torque, greater cutting ability and savings on power. Toward center, larger flighting gives maximum conveying capacity. Powerful variable speed drive control advances sweep arm as required for most efficient feed cutting and moving to center discharge hopper.



Auger sweep arm pivots from center of floor, driven by powerful precision built bevel gear drive, with all operating parts easily accessible from service tunnel.

Sprocket in drive meshes with holes in self-cleaning drive track in floor, near outer wall. Feed is cut and moved to center to drop into hopper.



BUILT-IN SERVICING TUNNEL

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CROPSTORE provides first-in, first-out continuous top filling processing for any feeds... with oxygen controlling breather bags under roof for maximum protection of feed quality and nutritional values. Heavy steel wall panels with glass fused to both sides; all joints specially sealed. Tough fiberglass roof; rugged reinforcements; choice of unloading; full range of sizes—at thrifty prices. Available only through authorized CROPSTORE dealers.

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The Seat Belt Controversy

If you want to start a good, heated debate among a group of people, try raising the question of whether mandatory seat belt laws should be enacted requiring motorists to wear seat belts and enforcing stiff fines against those caught unbuckled. Generally, this is one subject on which everyone's got a pretty definite idea.

Those who favor the belting laws generally feel that if an individual doesn't have the sense to take good care of himself, then he should be forced to do so. These people, as a rule, wear belts. Often the view is taken by these individuals that if they were involved in an accident which resulted in the death of a person not wearing a belt in another car, they would carry a burden of guilt on their minds which they would not have if the other individual had taken proper care of himself, worn a belt and survived the accident. In other words, in this view, drivers have a moral responsibility toward each other to protect themselves and their passengers to the maximum degree Many take the view that seat belt laws should be passed simply because they would save lives and reduce injuries. In the United States, safety experts are estimating that anywhere from 10,000 to 20,000 of the more than 55,000 people killed on the nation's highways could be saved if belts were used

On the other side of the fence, the individualistic traits of the American people, which unquestionably have been one of our great strengths as a nation, come into play Those opposing compulsion and fines to force use of seat belts express outrage over the invasion of privacy involved in legislation which would require them to wear belts in the privacy of their own automobiles The feeling is that an individual is hurting no one but himself. If he chooses not to wear a belt, he should have that right

Quite obviously, there will be no meeting of the minds between these two groups. The rugged individualists in our midst may, before too long, have an opportunity to find out if they have the courage and determination to stand by their convictions. In this safety-conscious age, federal pressure is mounting to force the individual states to pass mandatory seat belt laws. A Wall Street Journal article assessing the situation reports that the pressure is coming in the form of an ". . .implied threat to withhold some highway-aid money from the states if they don't act, and it may offer a generous dollar bonus if they do." The Journal article states that buckle-up bills were introduced in 21 legislatures this year, and as a result of federal pressure, state officials ". . .who only two years ago could hardly care less, are keenly interested now."

The pressure for buckle-up legislation has come from many directions. It originated in the general atmosphere of consumer protection, which has increasingly made government responsible for the safety of the individual, regardless of whether that responsibility resulted in diminishing the individual citizen's personal freedom or options for action. In this atmosphere, there has been growing public awareness of the need for finding ways to improve highway safety. Auto makers have tended to get behind seat belt legislation as an alternative to the requirement that air bags be installed in automobiles. Problems associated with this safety device are considerable. Also, voluntary bucke-up campaigns have failed, and it is estimated that only about 20 percent of the nation's drivers currently use seat belts and only some 4 percent fasten shoulder harnesses, if they are available. What it all boils down to, really, is a matter of principle. How far should the government go in requiring that the individual do or not do certain things in the interest of his own safety or well-being? For instance, it is generally recognized that smoking is not healthful and probably contributes to the development of serious diseases in many individuals involving the heart, lungs and circulatory system Should the government prohibit smoking? Should it prohibit the excessive use of alcohol? Should it outlaw auto racing or other dangerous sports events or require that overweight people go on diets, or perhaps that all of us should be compelled to take part in state-conducted exercise and body conditioning programs? More poeple die from bad habits of eating and smoking and physical laziness than anything else. Some contend that a precedent would be set by seat belt legislation which would give "Big Brother" another major access to impose his will upon our way of life as individuals.

Well, that's the story. If you have an opinion one way or the other, write your congressman or state legislator and let him know what you think. In this issue, as in any other, that is the best way to insure that the laws of the land bear some resemblance to what you would like to see them be In the meanwhile, why not buckle up? It really is safer.

The Spirit of Labor Day

It seems as though it was only yesterday that our nation's schools let out for summer vacation, and families began summertime activities. But now the season's last three-day holiday--Labor Day weekend--is almost upon us, and youngsters will soon be returning to the classroom

The good times of the Labor Day weekend for all America mark a time of change Suddenly the Fall season is upon us and the pace quickens. Family attention shifts from plans for play to preparation for work Youngsters will be trading in their water skis and swim fins for textbooks and pencils, and parents will be exchanging their camping gear and barbecue sets for a renewed dedication to career or school--at least, that's the way it should be. In closing the book on Summer, we all should rededicate ourselves to earning the fruits of labor and study by which we hope to be better able to provide for the support of ourselves and loved ones while contributing to our country's well-being.

This rededication should be the real significance of Labor Day. It should lend greater enjoyment as well as meaning to this season's last chance for a Summer family outing

"Grassroots Opinion"

MESA, ARIZ, TRIBUNE "See where a bit of a squeeze is developing in the matter of go-juice for chariots, clear across the nation It'd be a good idea to start thinking in terms of saving gas whenever possible Combine shopping trips, try walking if you're next door to a grocery, keep your car tuned up to get the best gas mileage possible, establish gas-saving driving habits by avoiding jackrabbit starts and the like Drive with the traffic flow on arterial streets where signals are synchronized Might even try a bike sometimes"

NOW IS THE TIME . . .

Max Smith
County Agr. Agent
Telephone 394-6851

TO RECOGNIZE STAGE OF MATURITY

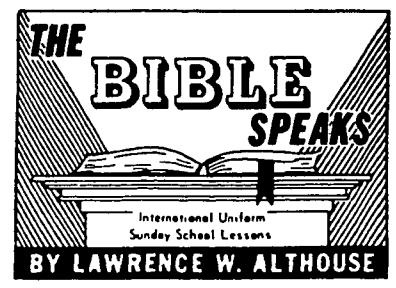
The silage making season is approaching for many livestock and dairy producers. Many acres of corn are headed for the silo and represent valuable feed nutrients. Cutting corn or sorghum at the proper stage of maturity is very important. The early dent stage for corn should be the goal and the dough stage for the sudan-sorghum mixtures. Too much moisture may still be in some crops at this stage of grain maturity. Corn made into silage prior to the dent stage may have higher protein content but the total feed value will be lower. Corn beyond the dent stage may be made into silage but some water may be needed to provide sufficient moisture. The making of most any crop into silage is one of the best methods of preserving maximum amounts of feed nutrients.

TO ADD PROTEIN TO CORN SILAGE

We are aware of many available additives that are represented to improve the feeding value of corn silage; some of these may have some merit under unusual conditions but it is doubtful if many of them actually improve the corn silage. However, one fact is certain and that is the need for more protein in corn silage. The adding of materials such as urea or anhydrous ammonia at the silo at filling time has considerable merit; these forms of non-protein-nitrogen are cheaper than other kinds of protein and can be of great benefit if applied according to instructions. Also, it is very important that the cattle be introduced to this kind of silage very gradually in order to prevent toxic and digestive disorders.

TO MANAGE ALFALFA CAREFULLY

The fall management of alfalfa fields that are to be carried over for another year is very important; this includes fertilization, disease and insect control, and time of removal of final cutting. Needless to say the crop should be fertilized once or twice per season; insects should be controlled at all times. Diseases are hard to control but resistant strains should be considered. The final cutting this fall should be timed so that the root reserves are not drained from the plants. Research work indicates that any cutting made in September in this part of the state should be at least 50 percent of the plants in blossom and then not take the crop during the last half of September. If the plants are not 50 percent in bloom by the middle of September, then it is suggested that the grower wait until after a killing frost Alfalfa is a very important crop considering the protein needs and prices; careful management is very important this fall.



WRONG COMPANY

Background Scripture Matthew 12 43-45, Mark 2 13 17, Luke 15 11-32, 1 Corinthians 9 19-23, Galations 5:25 through 6 5
Devotional Reading James 1 22 27.

About six years ago my wife and I became involved in an ecumenical coffee house ministry in a nearby city. Beyond providing a good atmosphere for refreshment, "The Source," as our coffee house was called, served as a place where people could meet for fellowship and, at times, to minister to one another's needs. It was an attempt to reach out beyond the four walls of the churches.

Rev. Althouse

The "tax collectors and sinners"

Many of us were dismayed when the local council of churches refused support or recognition of this ministry on the grounds that the coffee house might be frequented by the "wrong kinds of people." The coffee house was located on the town's main street and there was a good possibility that it would be frequented by alcoholics, drug addicts, and people of unsavory character. To many of us, even worse than the refusal to support us, was the apparent outlook and attitude of many church people towards those who might be termed "the wrong company."

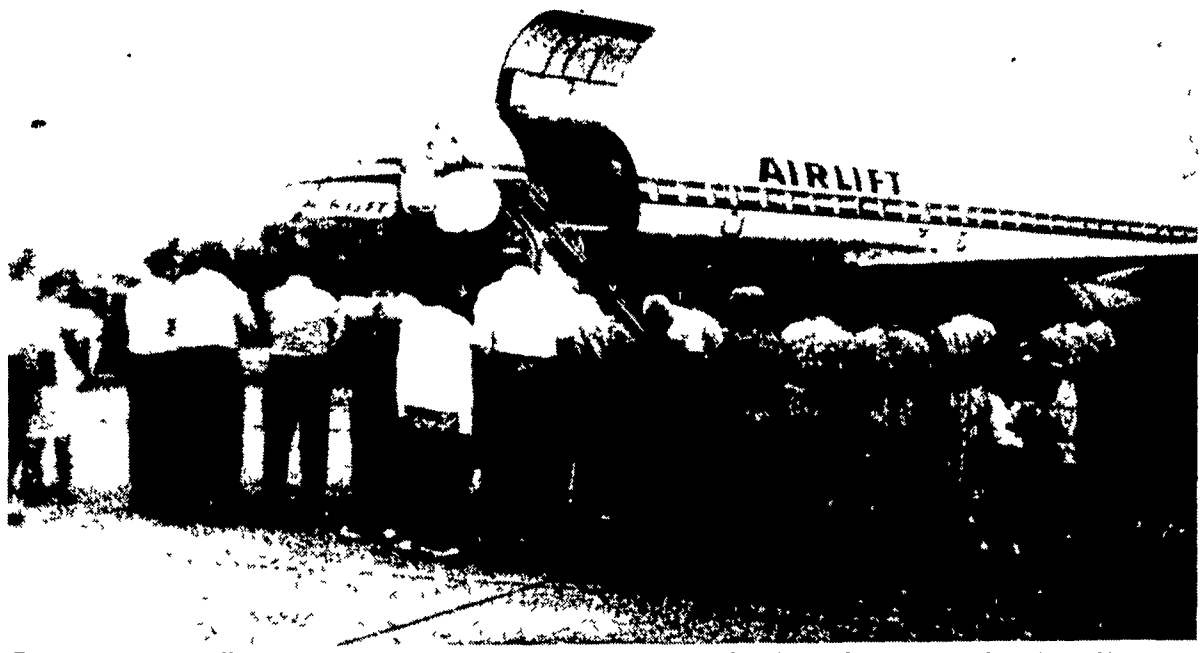
Actually, Jesus himself was on the receiving end of this kind of criticism. "Why does he eat with tax collectors and sinners?" asked the scribes and pharisees (Mark 2:16). Nor is this an isolated reaction: Jesus was frequently criticized for his association with people whom the "righteous" regarded as sinful and unworthy of any contact whatsoever. People were frequently indignant that he would associate and even help prostitutes, drunkards, lepers, collaborators with the enemy, criminals, etc.

His reason for coming

They were no less shocked when he reminded them of the true nature of his mission (and theirs if they followed him): "Those who are well have no need for a physician, but those who are sick; I came not to call the righteous, but sinners." (Mark 2:17). If these people were really so immoral, than they needed him all the more. Unlike the Old Testament religion, the heart of Christianity is not judgement, but redemption The New Testament is no less concerned with human sin, but it is even more concerned for sinners Christ came into the world to save sinners, to redeem people with stained lives, not simply to gather up and certify the righteous

Unfortunately, many of us are too often afflicted with the unredemptive attitude of Jonah. Jonah agreed to preach to the people of Nineveh and pronounce God's judgement upon them He was surprised, however, to find that these godless people heeded his preaching and repented, thus saving the city and themselves. Jonah would have preferred for God to rain down fire and brimstone upon them and, angered by this turn of events, he sulked in steamy silence

Too many people, like Jonah, would rather use the Gospel to "divide the sheep from the goats," to pronounce judgement upon sinners, and enjoy their divine punishment But the purpose of the Gospel, as Jesus demonstrated so clearly, is to save and redeem those whom we frequently judge to be "the wrong company."



Donors and well wishers gathered in a steady drizzle last Saturday night to watch as some 80 bred heifers were loaded onto a cargo plane for a trip to the Mediterranean island of Malta. The cows were donated to Heifer Project, Inc., an Arkansas-based organization that uses bred heifers to promote world peace and understanding. Of the 80 animals going to Malta, 21 came from the Manheim Heifer Project, of which Clarence Keener is chairman.

Bio-gas Device To be Seen at Ag Progress

The methane gas generator which was designed and built by two members of the environmental committee for Ag Progress Days, had its initial showing last week at the Lebanon Area Fair.

Several hundred people had an opportunity to inspect the device at close hand and witness the operation of a mantle lamp, gas cooking stove and a garden tractor, all of which can effectively use the methane gas. Methane is a product of microbial decomposition of organic waste material, under anaerobic conditions.

The generator, built by Lebanon County Agent Glenn Miller and Assistant County Agent Newton Bair, will be exhibited at Hershey on August 28 - 30, and practical demonstrations of bio-gas use may be seen at that time.

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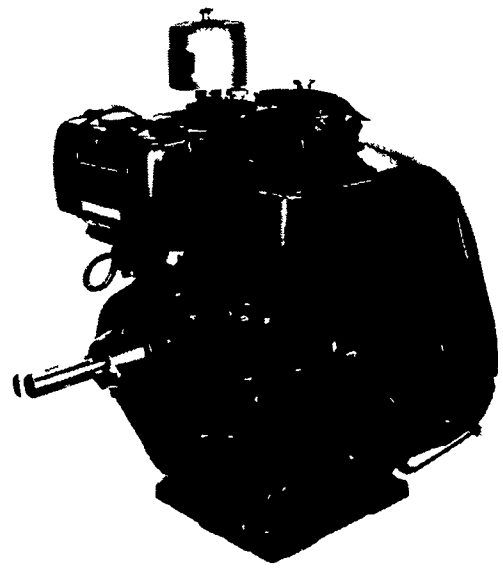

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Brunthaver to Speak at PennAg Convention

Assistant Secretary of Agriculture for International Affairs and Commodity Programs, Dr. Carroll G. Brunthaver, will keynote the 95th Annual PennAg Industries Association Convention to be held in Lancaster September 12, 13, and 14.

Dr Brunthaver is deeply involved in the Agriculture Department's efforts to expand U. S. agricultural exports which are running at an all-time high. He believes these exports are a key to the health of the nation's economy

As Assistant Secretary he oversees the Department of Agriculture's trade and export expansion work of the Foreign Agricultural Service, The Export Marketing Service and Producer and Commodity Programs administered by the Agricultural Stabilization and Conservation Service.

Dr. Bruthaver has been in agriculture all his life. He grew up and worked on his family's farm in Ohio. Prior to becoming Assistant Secretary he held positions related to agriculture in business, education and government.

PennAg represents many types of agribusiness throughout Pennsylvania. The convention will be held at the Host Corral in Lancaster. An attendance of 300 is expected to attend the event.

Dr. Carroll G. Brunthaver

Penn Willow Wins Awards At Achievement Day

The Penn Willow 4-H Club showed exhibits at Achievement Day held at the Farm and Home Center last Thursday. It was the Club's best showing since the Club was formed in 1967

Four members from the Penn Willow Club won "Best of Show" awards They were: Diana Warfel, sewing; Julie Sourbeer, sewing; Shelly Stekervetz, sewing, and Wendy Huber, cooking.

In the cooking exhibits Karen Huber received a champion ribbon, Diana Warfel a blue ribbon, and Shelly Stekervetz a white ribbon.

Sandy Dagen was awarded a blue ribbon for her photography exhibit.

Sonya Dagenhart and Greg Martin won reserve champion ribbons for handyman. Other winners in handyman were: Jeff Denlinger, blue; Pam Goss, red; Wendy Fritz, red, and Jeff Leed, red. Jeff Fritz, Wayne Huber and Dean Martin received white ribbons

In vegetables, Wendy Fritz won a reserve champion for her exhibit.

Three 4-H'ers from Penn Willow won reserve champion ribbons for sewing. They were: Shelly Stekervetz, Diane Warfel and Julie Sourbeer.

There were also 10 4-H'ers from the Penn Willow Club who received blue ribbons. They were: Carol Cambell, Teresa Dagen, Kim Fritz, Donna Walton, Sharon McCauley, Shelly Sangrey, Diana Warfel, Wendy Huber, Ruth Sheesley and Linda Huber.

Sandy Dagen, Rebecca Berrier and Carol Huber received red ribbons. Julie Sourbeer, Linda Huber and Yvonne Johnson received white ribbons.

In rabbit competition, Roger Ober and Brenda Huntzinger received blue ribbons.

Ronald Walton News Reporter

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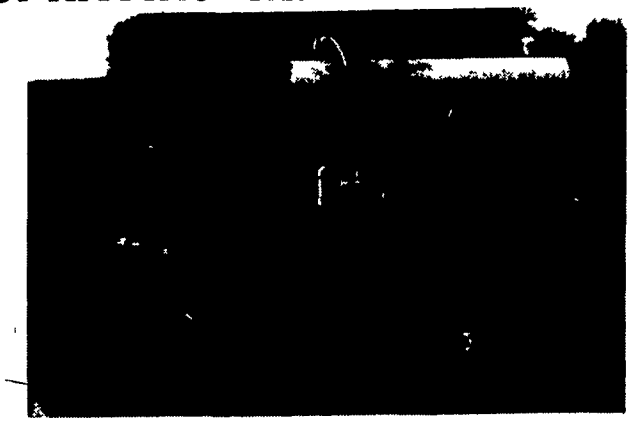

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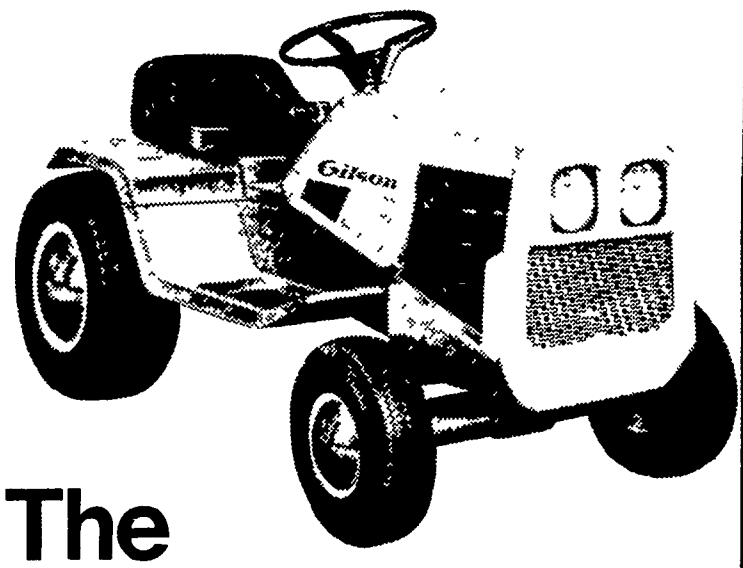

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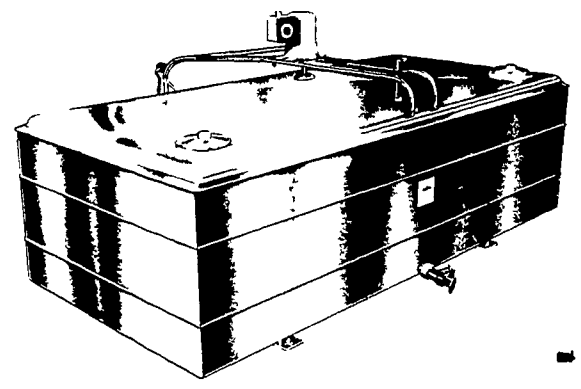

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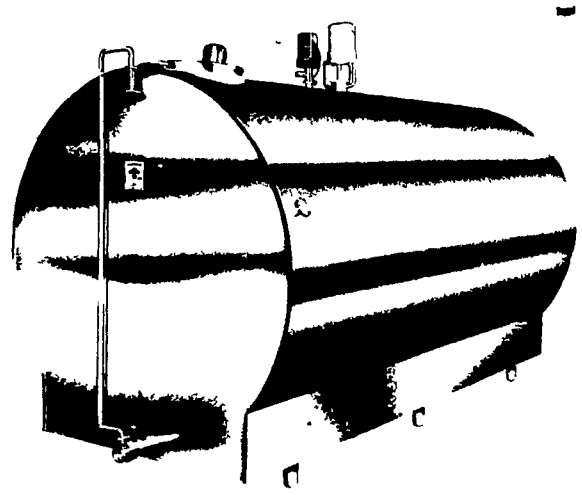

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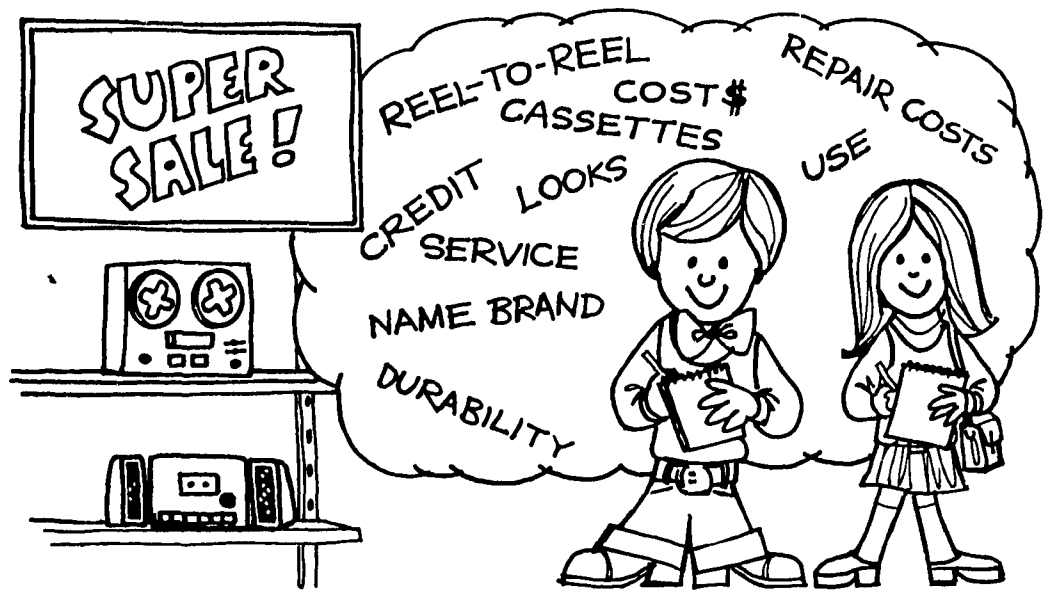

Youths Become Wise Consumers Thru 4-H

"Consumers consider a number of factors before deciding to purchase an item," observes Lois Howard, program associate for the National 4-H Service Committee. "Cost, service, quality, operation are just some of the aspects consumers must keep in mind when considering a purchase. There's much information that consumers must sort out in arriving at a proper decision."

"It can get very confusing, at times," says Miss Howard, "but that's one of the very good reasons for a consumer education program among 4-H members across the country. Young people are consumers in their own right and they exert considerable influence on the buying decisions of their families," she explained

To help 4-H'ers use information wisely in making their buying decisions, the Cooperative Extension Service, National 4-H Service Committee and Montgomery Ward are cooperating in a national 4-H consumer education program effort

4-H'ers involved in the program learn how to dig through the maze of information and to select and buy needed goods and services.

Making decisions on the type of goods to buy, learning to spend money wisely and how to use credit sensibly are major concerns of the program. Understanding warrantees, guarantees and contracts also are important concepts 4-H'ers learn in the program, adds Miss Howard.

Charleen Kruse, of Revillo, S.D., has become a very choosy consumer because of her work in the 4-H consumer education program. She now examines the labels on virtually every garment, or can of food, or other consumer item that she'll pick up in a store. Says Miss Kruse, "The labels give me the greatest clue".

The results of her educational efforts in the program and other 4-H accomplishments earned Miss Kruse a $700 scholarship as a 1972 national winner in the 4-H consumer education program

Montgomery Ward, donor of scholarships and other awards in the program, provides up to four medals of honor in each county and an expense-paid trip to National 4-H Congress in Chicago, Nov. 25-29, to one winner from each state.

At the national 4-H event the company awards six $700 scholarships to national winners selected by the Cooperative Extension Service.

In addition to its support of 4-H through scholarships and other awards, Montgomery Ward, a strong supporter of 4-H for 51 years, also aids the 4-H consumer education program through technical assistance and cooperation of company and store management personnel.

For further information on the 4-H consumer education program, contact the county extension office.

Measurement of Hay Value Needed By Both Producers and Buyers

One of the major hay marketing problems facing Pennsylvania farmers and buyers today is the determination of a price based on a realistic measurement of feeding value instead of by the fine art of bartering.

Dr. John E. Baylor, Extension agronomist at The Pennsylvania State University, made this statement August 20 at the 78th convention of the National Hay Association in Troy, Michigan.

"Hay marketing in the United States today is big business," Dr. Baylor said. "Eighteen of the major hay-producing states in 1970 sold 19½ million tons and this amount, valued at today's prices, would be worth $1.5 billion."

He pointed out that in those states where more than 40 percent of the hay grown is sold, such as Arizona, California, New Mexico, and Washington, a chemical analysis to determine the value of the hay is used Visual estimation is the primary method used by most other states.

"A chemical test developed for use by the trade in Pennsylvania must provide a reliable measure of the nutritive value of the hay and, at the same time, be accepted and relatively inexpensive," he said.

Dr. Baylor emphasized that at today's hay prices, a buyer needs to know exactly what he's getting for his money.

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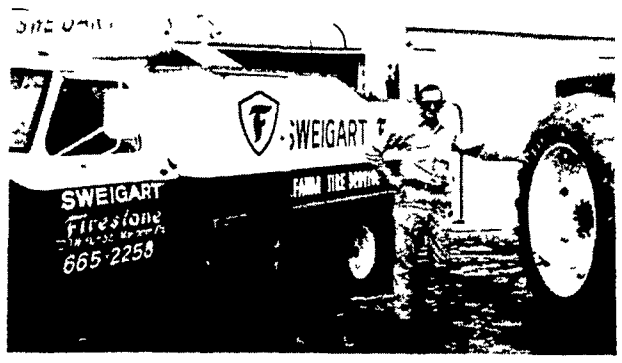

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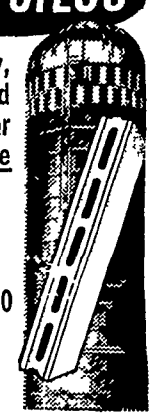

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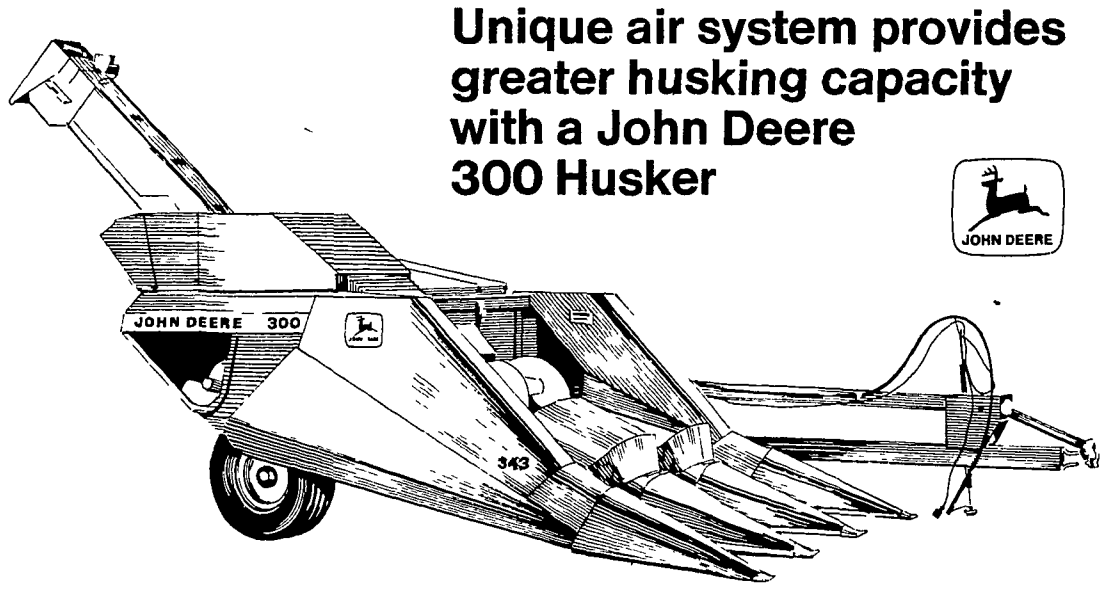

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Soybeans as Protein Source

The world will have to depend on soybeans for future sources of protein but farmers will only produce needed supplies with the right incentives including a free market place, according to Carroll Brunthaver, USDA assistant secretary for international commodity programs

In his talk to the American Soybean Association convention Brunthaver also re-emphasized that the USDA "will not impose export controls short of some unforeseen disaster to this year's growing crops".

"For the long run we do expect the soybean market to be strong. We can further increase farm production when the incentives are there Farmers will have to make their decisions in the market place. If there is one thing that the last two years have taught us, it is that the market place makes more effective decisions than the government."

During his talk he summarized the outlook for other protein sources He said that both world peanut and fish meal production continue to be too erratic to be dependable. At the same time no major increase in sunflower meal is predicted. Rapeseed production will continue to increase "But far too little to meet the protein demand growth".

"We do not want the new farm program to interfere with the farmers' choice of cropping plans. We think the attractive target prices and market prices will work together to encourage full production in 1974.

"Already the export control on old-crop soybeans has severly damaged our position. France has publicly said the Common Market must have an oilseeds policy to protect itself in periods of scarcity when it cannot depend on imports from the U.S.

"Japan and Western Europe have told us they understood they would be free to bid on an equal basis with us and the rest of the world in periods of tight supplies. They have been shocked by the export controls on soybeans, and are terribly fearful controls will be extended in the future. In our position as an exporter, we would pay a very high price for export controls."

Piglet Survival To Be Studied

Scientists at the University of Georgia's Agricultural Experiment Stations, Athens, will study the effects of the dam's diet on the survival rate of piglets under a cooperative agreement with the U S. Department of Agriculture (USDA).

USDA's Agricultural Research Service (ARS) will provide $24,000 for the two year study.

The Georgia scientists will study the effects of dietary energy in the dam's diet on the energy reserves and survival rate of piglets during the first 30 days following birth Also, the effect of energy source on survival and the effect of source of fatty acids in diets on the performance of newborn and weaned piglets will be studied.

The high death loss of piglets shortly after birth indicates a need for this research.

Dr Robert W. Seerley, associate professor of animal science at the university, is the project leader and Dr. Lowell T Frobish of ARS' Non-Ruminant Animal Nutrition Laboratory, Nutrition Institute, Beltsville, Md., is the ARS representative

Incentive Program To Improve Forest Stands

President Nixon signed legislation authorizing a program aimed at encouraging private landowners to plant trees and improve existing forest stands in order to help meet the rising demand for forest products expected in the years ahead.

The program, labeled a Forestry Incentives Program, was contained in the Farm Bill which the president signed into law. The incentives effort will be a cooperative program with the Forest Service as the lead agency

John McGuire, Chief of the Forest Service, said his agency will work through the State Foresty and other agencies in implementing the program. The Forest Service and the states already have a number of cooperative programs which are working well.

Chief McGuire pointed out that the latest National Timber Review made by the Forest Service stressed that the best opportunity for increasing timber supplies to meet future demands at acceptable prices was intensification of growth rates on the nearly 300 million acres of private, non-industrial commercial forest lands. These lands comprise about 60 percent of the Nation's commercial forest land base.

Under the program, landowners will be encouraged both to plant trees on non-stocked land and to perform forestry practices to improve the condition of existing forest stands. The measures are part of a long term effort to insure an adequate supply of timber and other benefits from the Nation's forests in the years ahead.

The program has a cost-sharing feature under which the government will share the cost of establishing plantations and other approved forestry practices with private landowners who meet eligibility requirements. Details of approved practices and eligibility requirements are being worked out and will be specified in program guidelines.

Chief McGuire said a shrinking forest resource base and rising demand for forest products and related benefits point to the need for more efficient management of the Nation's forest lands. He pointed out that public forests are under increasing pressures to emphasize non-timber uses and that industry forests are producing at near capacity now. Thus, he said, the best opportunity to meet the needs for increased timber supplies that will be needed in the future lies with small, private landowners.

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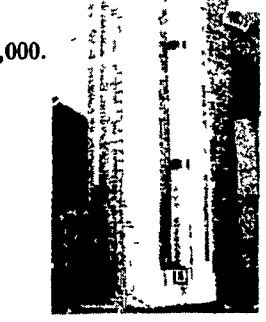

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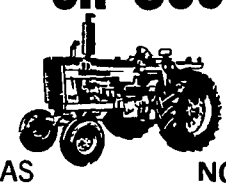

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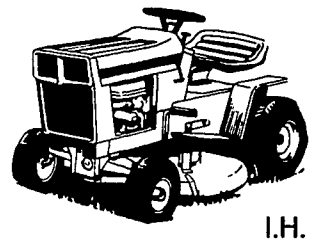

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Neppco's "Tommorrow" Theme Tied to Industry's Livelihood

A theme which reflects the agricultural industry's concerns and the livelihood of its practitioners — "Tomorrow" — has been selected as the foundation for Northeastern '73, the 42nd annual convention of the Northeastern Poultry Producers Council (NEPPCO).

The three-day exposition will be staged October 30 thru November 1, at one of the nation's premier resorts, the regal Hershey Hotel and Motor Lodge in the center of Pennsylvania's and the northeast's "farm belt".

"We expect 'Tomorrow' to set the industry ablaze with ideas, insight and innovations, the kind of input producers and allied industrymen will need to compete next week, next month and next year in this fast-changing business," according to Hendrik Wentink, NEPPCO president.

The popular 14-state convention and exposition moves back to central Pennsylvania this year after a four-year absence "amid a myriad of problems producers four years ago never thought they'd be confronted with," Wentink says.

Accordingly, in-depth seminars will be heavy on outlook, on new merchandising ideas, cost-controls, planning precision and insight into both price expectations and anticipated government regulations.

Because of the projected importance of the talks at Northeastern '73, NEPPCO will revert to its policy of staging educational sessions and exhibit hall openings during separate hours.

"We're really attempting to put a sliderule on Tomorrow," Wentink reports. The talk sessions will share the spotlight with newly-conceived educational exhibits composed of outstanding data from around the world, as well as the neatly-expanded commercial exposition housed this year in the spacious Hersheypark Arena.

The fun-and-games aspect of the highly-favored Hershey resort area was not overlooked by NEPPCO officials. They have scheduled activities around the famed arboretum, the oldtime museums, Hersheypark itself, the well-known chocolate tour, the golf course, as well as their own banquets, parties and industry luncheons within the resort hotel itself.

Reservations or advance data for the big annual affair can be made only through the NEPPCO office at 322 Oxford Valley Road, Fairless Hills, Pa. 19030.

xxx

A computer has made its debut at La Scala in Milan, working backstage to keep Italy's foremost opera house running smoothly.

Chief task of the computer is to handle the complicated accounting for the La Scala Authority which, in addition to the opera house, includes a ballet school, a museum, and workshops for building scenery, making costumes and supplying such props as 36 shields and 60 daggers for "Aida."

Alvin Frey Promoted

Alvin L. Frey has been promoted to processing plant supervisor for Pennfield Corporation's farm operation in Ephrata. The appointment was announced by Glenn H. Herr, production manager of Pennfield's egg division.

Prior to his new position, Frey was assistant processing supervisor at the corporation's in-town plant, L. M. Sheaffer Company. He has been with Pennfield for eight years and has held a variety of jobs within the company.

Frey's duties as processing supervisor include responsibility for the processing and quality control of all eggs produced on the 270,000-bird farm. He reports to Herr.

Alvin L. Frey

The local native and his wife have four children and six grandchildren. They reside at Denver RD1.

Recommend Amending Onion Marketing Order

The U.S. Department of Agriculture (USDA) has recommended amending the federal marketing order for South Texas onions, to authorize production research. Marketing research and development are already authorized.

Officials of USDA's Agricultural Marketing Service said the proposal is based on evidence received at a public hearing held July 10, in McAllen, Texas. The amendment and hearing were requested by the South Texas Onion Committee, which administers the program for USDA.

The recommended decision was published in the Federal Register of August 17. Interested persons may file exceptions to the recommendation until September 10, 1973, by sending four copies to the Hearing Clerk, Room 112-A, U. S Department of Agriculture, Washington., D. C. 20250. These and the hearing record will be considered before the Secretary of Agriculture issues a final decision.

If that decision favors adoption of the proposal, a referendum will be held for growers in the production area. To become effective, the amendment must be approved by at least two-thirds of the growers voting, by number or by volume of production.

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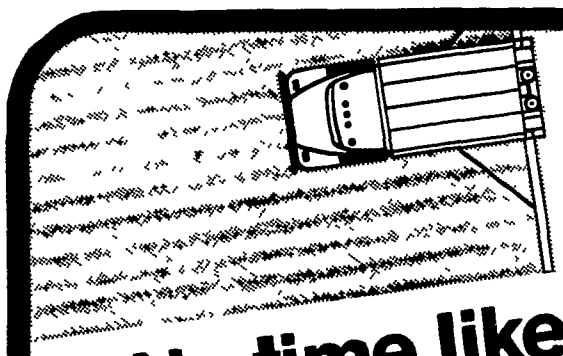

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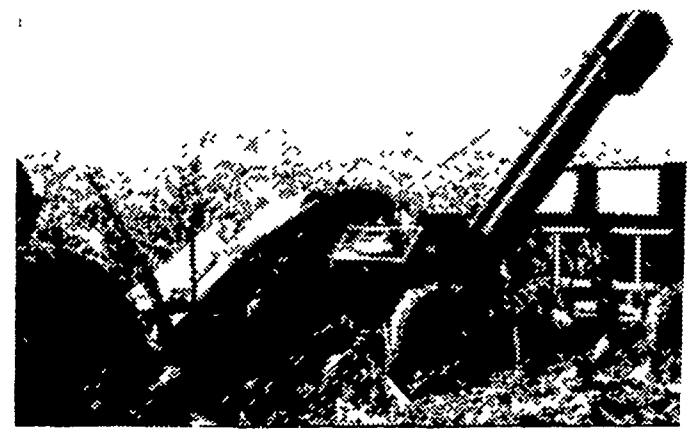

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Centre County Man is "Granger of the Year"

Sixteen years ago Joseph Hartle Jr., and his wife purchased a "run down" farm of 115 acres in Centre County and began the struggle to build a dairy herd.

Today, Hartle is Pennsylvania's 1973 "Granger of the Year" He was selected from among 78 outstanding farmers nominated for the honor by the 60,000-member Pennsylvania State Grange.

Hartle and his family reside at Bellefonte RD4 Now 40 years old, Hartle operates a farm of 315 acres, 245 owned and 70 rented, and has 40 milking cows and 35 young cattle in his herd of registered Holsteins. Milk production averages 15,635 pounds per cow per year ... about 50 percent higher than the state average.

Hartle has been a member of Logan Grange 13 in Centre County for 25 years. He also is a member of Centre County Pomona Grange and the Pennsylvania State Grange. He and his wife, Gladys were married in 1955, five years after meeting at a youth Grange activity. They have five children, Linda, 17, Janet, 16, Tom 14, Deborah, 12, and Betsy, 11, all of whom are active in Grange and 4-H Club work.

Joseph Hartle, Jr.

"We have a very busy schedule with our farming operation," Hartle said, "but by working long hours we manage to find time to be active Grange members and participate in other community organizations."

Hartle has served as overseer, assistant steward and master of the Logan Grange. He is president of the Centre County Holstein Association and is a member of the state and national Holstein organizations. He has been a volunteer 4-H Dairy Club leader for 19 years and a member of the Centre County Grange Fair Committee for 23 years. Hartle is a past president of the Centre-Clinton Dairy Herd Improvement Association, and is area chairman of the Centre County Heart Fund Drive.

Hartle was selected for the "Granger of the Year" award by a panel of three judges: Rev. B. McClain Cochran, Harrisburg, Mrs. Richard VanNoy, Etters RD1, and Mrs. J. Collins McSparran, Camp Hill.

A. Wayne Readinger, state master, said Hartle will receive a $50 cash prize and plaque from Farmers and Traders Life Insurance Company, co-sponsor with the Grange of the award. It will be presented at the Pennsylvania State Grange convention in Reading, October 22-25.

"Franks" Deadline Extended

U.S. District Judge Barrington Parker signed an order August 8 permitting processors of hot dogs and cooked sausage until January 1 to use up available supplies of existing labels before complying with new U.S. Department of Agriculture (USDA) labeling regulations. The new regulations were to become fully effective September 7.

According to Judge Parker's ruling, processors may make use of present stocks of labels until January 1. Also, any firm which runs out of existing supplies of labels before January 1 may order an additional supply of old labels before being required to use labels meeting the new federal regulations.

On June 5, USDA announced new, more descriptive labeling requirements designed to help consumers distinguish between hot dogs made of various ingredients. However, since that time, processors have written to Judge Parker presenting information on label procurement problems and requested a hearing on an extension of the September 7 deadline.

USDA officials said the new federal labeling regulations, once fully implemented, will required processors to label hot dogs and other cooked sausages in one of three ways:

– Products made only from skeletal meat must be labeled with their generic names, such as "frankfurter," "bologna," or "knockwurst." If all the meat is from one particular species, the product must be labeled accordingly--for example, "beef frankfurter."

– Products made with meat byproducts--hearts, tripe, tongues, etc.–must be labeled as, for example, "frankfurters with by products" or franks with variety meats."

– Products made with up to 3.5 percent of binders--such as nonfat dry milk, cereal or dried whole milk, or 2 percent isolated soy protein–also just be clearly labeled, such as "franks with byproducts, nonfat dry milk added."

Under the new regulations, USDA will also officially recognize other names such as "hot dog," "frank," and "furter." Until now, federally inspected meat processor have only been allowed to use the terms "frankfurter" and "wiener" on their labels.

Prevent Falls

The greatest cause of home injuries is falls. To avoid falls on stairs, Extension specialists at The Pennsylvania State University, suggest you put a sturdy handrail on all stairways and use it. Make sure the stairs are well-lighted. And use a light colored paint or floor covering on steps. Make sure there's no clutter on the stairs.

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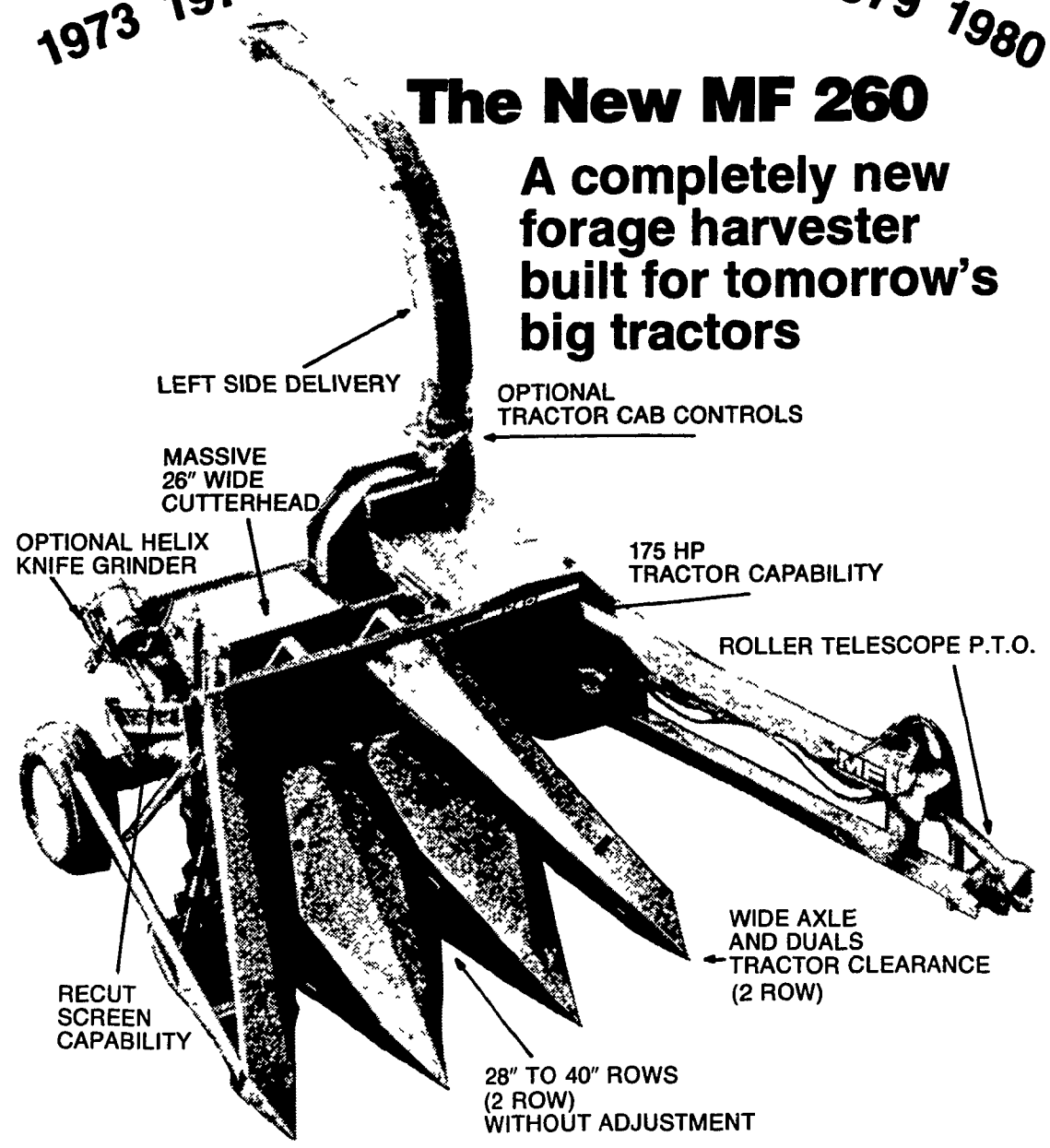
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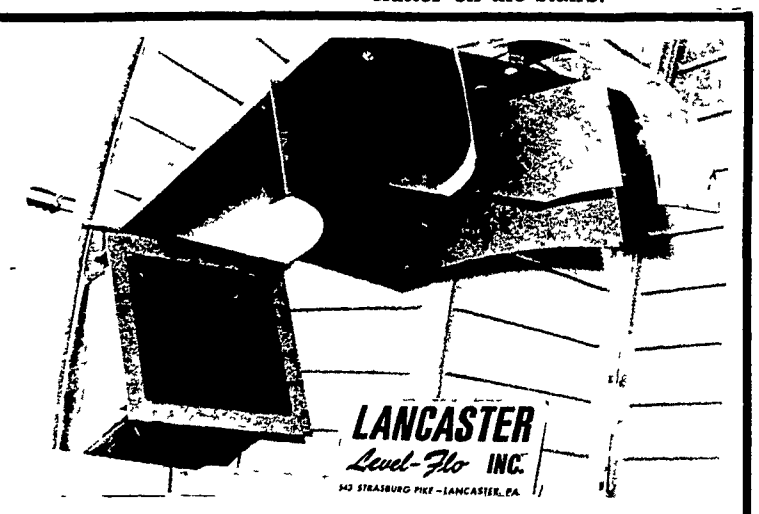

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Grain Sorghum is fast becoming an important agricultural crop in Lebanon County. Acreage planted to grain sorghum in 1973 is estimated at around 1000 acres in Lebanon County. Most of the sorghum is planted in the northern part of the county, in the shale type soils.

Increased interest in growing sorghum for grain has led to the development of many hybrid strains. The Lebanon County Agricultural Extension Service planted twenty of these hybrid strains or varieties in a Variety Test Plot next to the Lebanon Valley Livestock Market, along Route 22. These variety plots will be identified, and can be inspected by local farmers at any time. Similar variety plots last year on the farm of Paul Flinchbaugh, Lebanon, produced an average yield of 114 bushels of grain per acre. This compared very favorably with corn yields on the same type of soil.

Corn grown on shale soils is easily damaged by drought. Water retention in this soil is very low, even under high fertility. Grain sorghum has the ability to recover from drought damage and produce an acceptable yield in a year when corn may fail.

For this reason, many producers whose soil is predominantly shale, have turned to growing rain sorghum instead of corn for grain. Corn is still the better crop for silage, however.

As with hybrid corn, grain sorghum varieties are bred for certain desirable characteristics. Length of growing season may vary from 100 days to 140 days, so varieties may be chosen to fit the time of maturity to the seasonal conditions. Hybrids vary in head type, some being very compact in the seed head, while others are open and quite loose. An important quality in some growing areas is resistance to bird damage. Bird resistant varieties are high in tannic acid at ripening time, making the seed distasteful to the birds. The tannic acid is dissipated when the grain is stored for a few weeks, and the grain is again palatable and can be used for feed -- even as bird seed.

Grain Sorghum types which display all of the different characteristics are included in the Lebanon County plots They will be harvested separately when ripe, and yield will be tabulated and published. Local growers can use this information to select the hybrid best suited to their needs and conditions.

Harvesting of the grain sorghum variety plots will be done with a combine, but the yields will be tabulated using a hand harvest method. Three replicated plots of one 500th of an acre each, are weighed and sampled for moisture content. Newton Bair, Assistant Lebanon County Agent, is in charge of the plots, and will supervise the harvest. The plots were planted with the cooperation of Delmas Hernley, who leases the land Several FFA members from the Norlebco Vocational Agricultural Department also helped in the planting, and will assist in the harvest.

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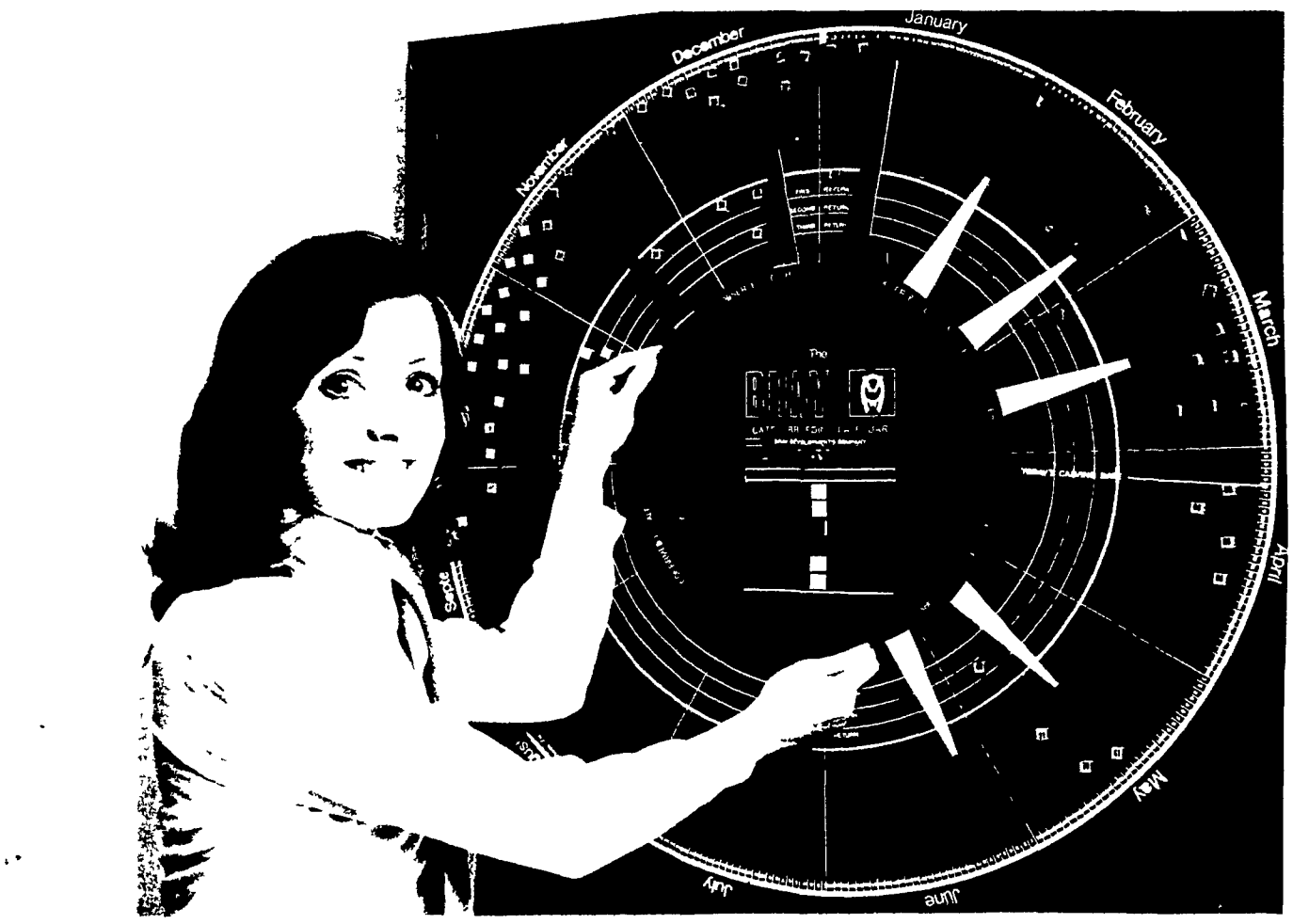

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Chester County 4-H Dairy Winners Named

The Chester County 4-H Dairy Roundup was held August 17 at the Kimberton Fair Grounds.

During the course of the show the following 4-H members were recognized for their accomplishments during the past year:

Susan Weaver, Glen Moore - Junior All American Holstein; Edward Henley, Cochranville - Junior All American Ayrshire, Grand Champion Ayrshire, 1972 Pennsylvania Junior Dairy Show; Cathy Wollaston, Toughkenamon - 1972 Chester County 4-H Dairy Achievement winner, Olmstead Award for outstanding Pwnnsylvania 4-H Jersey member, grand champion Jersey, 1972 Pennsylvania Junior Dairy Show.

1973 Pennsylvania 4-H Days - State winners: Dairy judging - Cathy Wollaston, Toughkenamon; James Stanton, Oxford; Mary Tkaczuk, Elverson; Susan Weaver, Glen Moore.

Dairy demonstration - Daniel Weinstock, Phoenixville; dairy foods demonstration - Sarah Weinstock, Phoenixville.

Susan Kulp, Pottstown - 1972 Chester County 4-H Dairy Achievement winner, junior division; Sharon Guest, Pottstown - 1973 Chester County Internationl Farm Youth Exchange delegate to Sweden.

In Holstein competition, a two-year-old cow, Bryncoed Astra Sutre owned by Wendy Shaw, Chester Springs, was named grand champion. Reserve champion was a three-year-old cow, Winterland Burke Decca owned by Barry Hostetter, Oxford. Susan Pepple, Oxford was named junior Holstein fitter-showman and Stanley Guest, Pottstown - senior fitter-showman.

Cathy Wollaston, Toughkenamon, exhibited both the champion and reserve champion Jersey in addition to receiving the recognition of being the supreme fitter-showman of the enitre show. Her champion Jersey was a seven-year-old cow, Sage Maple Lawn Connie. Her four-year-old cow, Liberator Maple Lawn Cindy, was reserve champion. Denise Andrien, West Chester was champion junior Jersey fitter-showman

Androssan G.L.R. Minerva, an eight-year-old cow owned by Edward Henley, Cochranville, was grand champion Ayrshire. His sister Sharon, won reserve champion with her three-year-old cow, Meredith Bright Laura. Eddie was also named junior Ayrshire fitter-showman, and Sharon, senior fitter-showman.

Grand Champion Guernsey was Bright side N.L. Wilda Fern, owned by Marjorie Pyle, Malvern A senior calf, Kimberton P Don Cotton, owned by Clyde Good, Kimberton, was reserve champion Guernsey. Jeffrey Staner, Malvern was junior Guernsey fitter-showman and Holly Scheib, Phoenixville - senior fitter-showman.

A junior calf, Snelling Beautician Taffyapple, owned by James Seacrist, Birchrunville, was named champion Brown Swiss. Quaker West Janet Darlene, a two-year-old cow owned by David Nolan, Birchrunville was reserve champion. Dave also won the senior Brown Swiss fitter-showman award, and his brother Bob won the junior award.

Champion first year fitter-showman of the show was Clyde Good, Kimberton. Steve Shaw, Chester Springs, was reserve first year fitter-showman.

The Chester Valley 4-H Dairy Club won the good housekeeping award.

Type judges were Russell App, Collegeville, and Lloyd Ebersale, Sire Power. Fitting and showmanship judges were Peter Witmer, Willow Street and Gary Rothermel, Pennsylvania Farmers Association.

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If you prefer line drying to machine drying, use rustproof hangers for dresses and blouses to help them keep their shape. And hang drip-dry garments directly from the rinse water without wringing or squeezing. In addition, Mrs. Ruth Ann Wilson, Extension clothing specialist at The Pennsylvania State University, says to try and hang other garments in such a way that they're not pulled out of shape Avoid drying colored clothes and synthetics in direct sunlight

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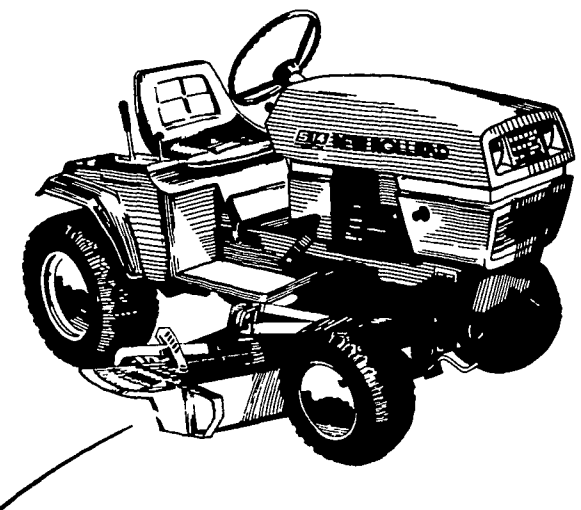

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1974 Wheat Program Announced

Secretary of Agriculture Earl L. Butz announced details of the 1974 wheat program which he said is designed to encourage all-out production.

There will be no set-aside requirement for 1974. There will be no conserving base requirement for the four-year life of the Agriculture and Consumer Protection Act of 1973.

New in the wheat program is the target price feature. If the average price for wheat is at or above the $2.05 per bushel target price, the producer will receive no payment. If the price average is below the target, the producer will receive the difference between the target price and the five month average price received by all farmers.

There will be no preliminary payment. Any payment due will be paid after December 1, 1974. If the average price received by all producers is under $2.05 per bushel for the July through November 1974 period, a producer would be paid on an amount of bushels determined by multiplying the farm allotment times the projected yeild established for the farm. The projected yield represents the potential production for the farm as determined by the Agricultural Stabilization and Conservation Service (ASCS) county committee.

The allotment is set at 55.0 million acres. Thus, on the average, each producer's allotment in 1974 will be about three times that of his 1973 allotment. This allotment represents the number of harvested acres of wheat, based on the estimated average yield, which would result in production equal to estimated domestic and export disappearance in the 1974-75 marketing year. This allotment is similar to the domestic allotment in the 1973 wheat program in that it is not a constraint on the amount of wheat that can be planted and its sole purpose is for making payments to producers in the event the five-month average price received by farmers is less than the target price.

The total amount of payments a person may receive under one or more of the 1974 wheat, feed grain and upland cotton programs may not exceed $20,000.

Loans will be available to producers on their 1974 crop wheat at a national average of $1.37 per bushel, an increase of 12 cents over 1973 crop loans.

The Agriculture and Consumer Protection Act of 1973 provides for release of about 10 million bushels of excess wheat stored by wheat producers under provisions of the Food and Agriculture Act of 1965. It has been determined by the Secretary that such wheat will be released without penalty. Producers holding excess wheat will be notified by their local ASCS county committees on details regarding its release.

The Act also eliminates the requirement that processors purchase certificates valued at 75 cents per bushel on each bushel of wheat processed for human domestic consumption.

Producers may substitute any non-conserving crop or any conserving crop used for hay or for grazing in order to preserve their wheat allotments and to make them eligible for any payments under the target price feature. Crops for which a marketing quota is in effect are excluded.

Picnic Food Care

Taking fried chicken to a picnic? Make sure it's safe to eat, remind Extension specialists at The Pennsylvania State University. Use an insulated bag or metal ice chest--and ice--to carry your meal. Keeping food cold prevents harmful bacteria from growing and causing illness. Chicken and other protein foods need this kind of care. Keep them safe--at home and on picnics.

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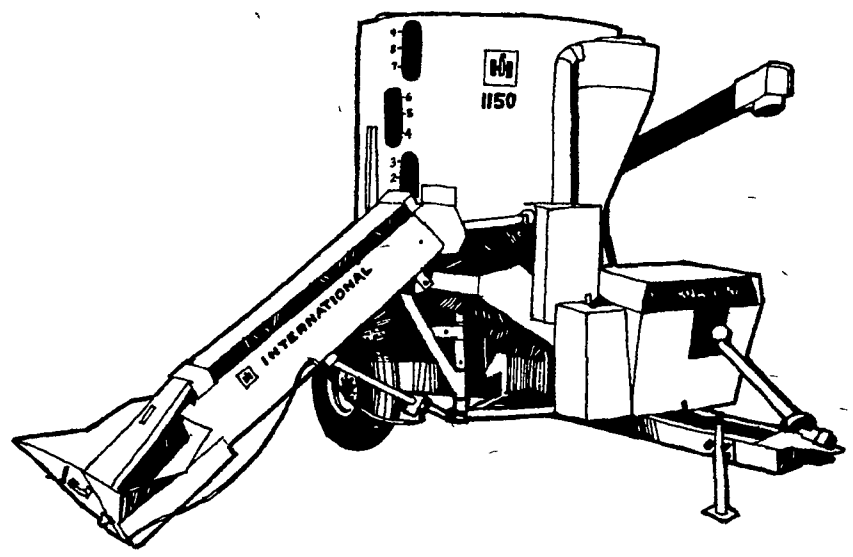

Add to this the big capacity features of International's Grinder Mixers . . . 20-inch wide hammermill and 600-square-inch screens let you grind and mix up to 18,000 bushels of corn an hour. Unload over 16 bushels a minute through an unloading auger that cranks through a 324° horizontal arc, pivots in a 240° vertical arc, and has a 12-foot range.

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Lebanon County Agents Launch Alfalfa Study

Baffled by the fact that alfalfa stands do not last as long as they once did, Lebanon County Agent, Glenn Miller, saw the need for more information on how to keep alfalfa producing longer than three years. A research project was started in May, 1973, to study the effect of an insect called clover root curculio (Sitona hispidula) on the persistance of alfalfa stands. A young stand of alfalfa on the farm of John J. Zimmerman, Myerstown, is the site of the research project. Control studies have been initiated under the supervision of Dr. Robert Byers, an entomologist on the staff of the U.S.D.A. Pasture Research Laboratory at Penn State University.

Agronomists have been aware of several factors that contribute to shorter life of alfalfa, such as anthracnose, and a variety of other fungus organisms, plus insect pests and certain soil fertility problems. These problems existed in alfalfa fields 20 years ago, yet farmers were able to maintain stands over a period of 6 to 10 years, when insects and fertility were controlled. What has happened in the past few years to alter the situation?

Miller remembers that early studies carried out in Lebanon County led to the use of dieldrin, a powerful organic insecticide, to control the alfalfa weevil. The widespread use of this product led to good control of the alfalfa weevil and many other insect pests of alfalfa as well, some of which were more destructive than was suspected at the time. Dieldrin was prohibited for use on forage crops about 1965, and since that time milder and safer insecticides have been used.

While insecticides such as Methoxychlor, Malathion and Guthion have been effective in controlling the serious alfalfa insects that feed on the leaves, they leave no toxic residue and do not control root feeding larvae. The larvae of the little known insect called the Clover Root Curculio (Sitona hispidula) have been found to cause serious damage to alfalfa roots over three years old. It is suspected that the root damage caused by the Sitona lowers the resistance of the plant to other disease organisms, and the resulting plant loss is attributed to "winter kill". Good alfalfa stands over four years old are rare in Lebanon County, and possibly all over Pennsylvania.

Newton Bair, Assistant Lebanon County Agent, has assumed local responsibility for the research project. He says that it will be a three years study with two major objectives. The first objective is to study the effects of Sitona damage on the life of alfalfa stands, and the second is to find a way to control the pest. At present, two insecticides are being studied as a possible means of control. Carbofuran and difonate have been applied to special plots, but so far the data collected is not conclusive, and will require several years of study before specific recommendations can be made to growers.

Bair says that alfalfa has assumed new importance in the dairy and livestock economy of Pennsylvania, since it is a major source of protein, as well as a high yielding hay and silage crop. It is very important, Bair says, to maintain productive stands of alfalfa over a period of four or more years, for most efficient forage production.

* * *

When having a problem with covering a bed with a contour sheet, try putting it on catty-cornered—that is to put on one corner, then the opposite end diagonally.

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When Will Normalcy Return To Commodities Markets?

Between June 1972 and the present, wheat has risen from below $1.50 per bushel to over $4., corn from $1.15 to around $3 and soybeans from $3.35 to $10 per bushel. Hog prices are up 50 per cent, broilers 75 per cent and livestock levels are up comparably, although price ceilings have distorted the picture.

For example, maintaining beef ceilings and permitting exports of feed grains to continue to record rates virtually creates unprofitable feeding ratios for domestic producers of all animals. Despite heavy pressure from meat industry people and contrary to USDA policy, these ceilings will apparently remain in-tact until September 12.

In the meantime, foreign consumers of U. S. food and feed grains are making the heaviest commitments in history in order to provide supplies and buffer stocks to protect their own food industry.

The availability of wheat, for example, in world markets has become exceedingly short and prices are expected to remain much higher than normal for a long time. The general surplus condition in American agriculture has evaporated and food prices are rising rapidly here and abroad. The starting U. S. wheat supply of more than 1.7 billion bushels has been more than committed if export sales have in fact reached 1.1 billion bushels as officially indicated and domestic requirements reach 750 million bushels. The July 1, 1973 carryover of 430 million bushels will be cut to about half that amount or the smallest carryover in post World War II history by July 1974. This almost assures USDA of having to impose export allotments which probably will result in the cutting across contract lines and forcing shippers to cancel sales previously made. Certainly there is no room to sell additional quantities which is a disturbing item inasmuch as we have on a regular basis sold wheat under Food For Peace to India, Pakistan, Bangladesh and other food deficit countries.

The Prime Minister of Japan just toured the U. S. and along with government leaders from other lands pleaded with President Nixon to insure a flow of food to countries where imports are needed. This also creates a favorable trade balance, with U. S. shipments of farm products having reached almost $1.3 billion during the fiscal year ended June 30 boosting the nation's agricultural trade surplus to a record $5.6 billion. That reflects a gain of $3.6 billion over fiscal 1972.

Again government action will be needed insofar as restoring adequate domestic supplies, or wheat prices according to some analysts could rise as high as $7-10. per bushel. Corn would tend to follow and per our above discussion, animal prices and feeding ratios would be seriously affected.

All of this results originally from a $900 million sale of farm products to the Soviet Union last year, encouraging Western Europe to take a record $4-½ billion worth of U.S. agricultural exports, compared with $3 billion a year earlier, and Japan $2.3 billion for a near 100 per cent increase. Developing countries in Asia purchased about 30 per cent more in fiscal 1973 and the People's Republic of China became a significant customer taking over $200 million worth. Past shortages have proved short lived, so unprecendented demand had knocked normal technical and statistical theories way out of kilter. It is impossible to predict when anything resembling normalcy might be restored.

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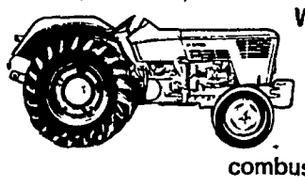

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Check Presented to AEB

A check in excess of $10,000 was presented this month to the American Egg Board by customers of Merck and Company, Inc., Chemical Division.

The program to fund new promotion activities was initiated by Merck in 1972. The amount presented to AEB represents three cents for each pound coccidiostat purchased by Merck's customers and is being used by the chemical firm for national poultry promotion programs.

The check was presented by T.T. Tressler, Merck's Sales Manager for the North Central Region, to Richard L. Kathe, AEB President, at the Board's offices in Park Ridge, Il. The money represents a quarter payment of funds designated by the customers for egg promotion.

These funds will be used for advertising, merchandising, consumer education, and market research activities in the recently expanded AEB program, Kathe stated.

"Merck and Company is very pleased to provide the means for expanded poultry and egg promotion programs. Our customers have indicated their wholehearted approval of our joint effort," concluded Tressler.

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Witmer

(Continued From Page 1)

"It looks like I'll be coming right back to the farm after I graduate," Peter says. "I had considered doing other things for awhile - the Peace Corps, veterinary school - but I think I want to start farming right away. And I know I want to start with, and stay with, Guernseys."

In addition to his formal college training, Peter is getting some practical business experience at Penn State as treasurer of Alpha Zeta, the honorary fraternity for agriculture and biology students. "Every term I'm responsible for about $13,000. That's a lot of bills to pay and a lot of books to keep. I'm learning a lot about handling money, and I'm glad for the opportunity."

While Peter has temporarily dropped out of the local dairy scene, he is still very active at Penn State. His most recent honor there was being elected to the Coaly Society, an honor bestowed on only a very few outstanding ag students. He was also on the college dairy judging team, assistant editor of the Penn State Dairyman, member of the American Dairy Science Association, vice-president of the Penn State Dairy Science Club, and chairman of the Dairy Exposition Banquet Committee. Recently, he represented the Penn State Dairy Science Club at the National Dairy Science Association convention in Pullman, Washington.

Kathy Early Named Lebanon's Poultry Queen

Kathy Early

Kathy Early is the new Lebanon County Poultry Queen. The 18-year-old grduate of Annville-Cleona High School is the daughter of Mr. and Mrs. Lloyd R. Early, Lebanon RD4. She is a student at the National Legal Secretarial School in Hagerstown, Md.

She was crowned last Saturday night during a Poultry Queen Pageant at Boscov's Department Store in Lebanon.

Kathy was active in school, church and 4-H activities. She was a member of the South Mountain 4-H Club for six years and held the offices of secretary, treasurer and social chairman. She is a member of the Cornwall United Methodist church where she plays piano and organ, and sings in the choir.

In high school, she was an honor student and a member of the field hockey team, tennis team, varsity club, senior high chorus, glee club and the yearbook staff.

Among the many honors she's received, Kathy numbers a Girl of the Year award from the Lebanon County Federation of Women's Clubs, and a listing in Who's Who of American High Schools.

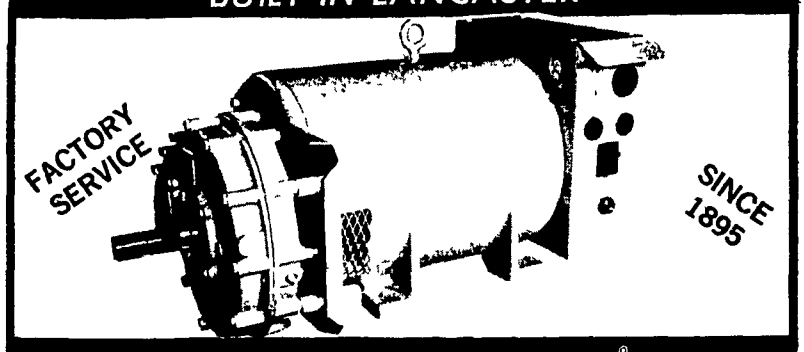
In the Kitchen

POTATO PANCAKES

1 pkg. (12-oz.) frozen Idaho shredded potatoes
3 tbsps. chopped chives
1 tsp. salt
2 eggs, lightly beaten
caviar (optional)
sour cream (optional)

Let potatoes thaw, drain well on paper towels. Mix with chives, salt and eggs. Drop by tablespoon into about 1-inch cooking oil (hot), flattening slightly with spatula. Cook until golden brown on both sides. May be served hot as hors d'oeuvres with caviar and sour cream.

FIDELITY ALTERNATOR
BUILT IN LANCASTER



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AT
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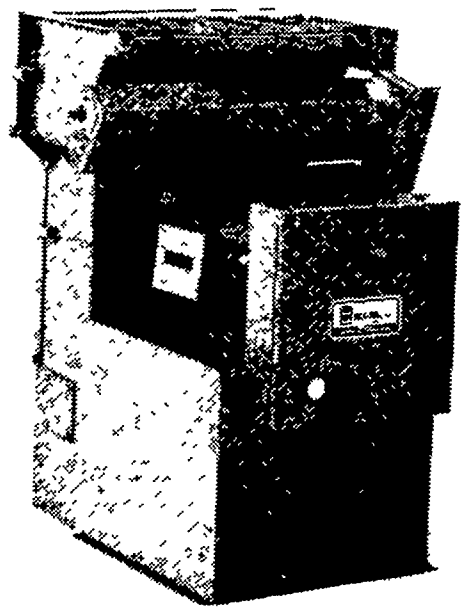

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Raymond E. Rudisill (right), 449 Hill-N-Dale Drive, York, was recognized as The Beacon Milling Company's outstanding sales and distribution manager of that company's annual sales conference held August 12th through the 14th at Wells College, Aurora, N. Y. He is shown accepting the congratulations of Wilbur L. Townsend, president of Beacon, as he holds the Beacon Golden Eagle trophy which is emblematic of this honor.

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NEW HOLLAND
14" x 18"
HAYLINER® BALER
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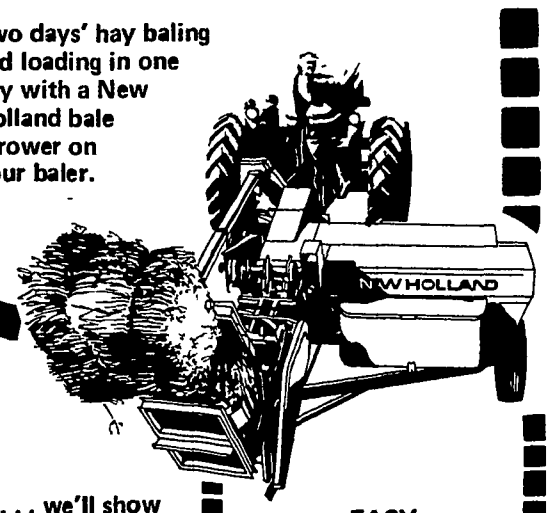
Two days' hay baling and loading in one day with a New Holland bale thrower on your baler.



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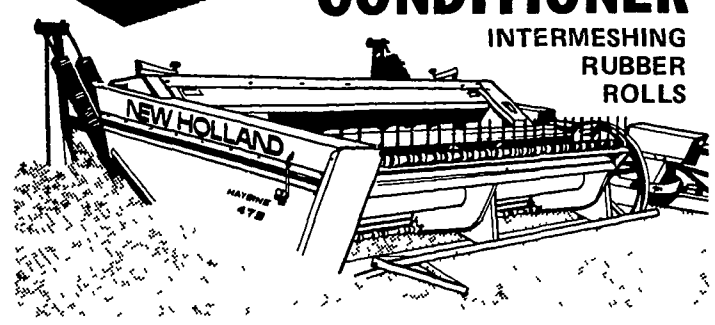

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4-H Calendar

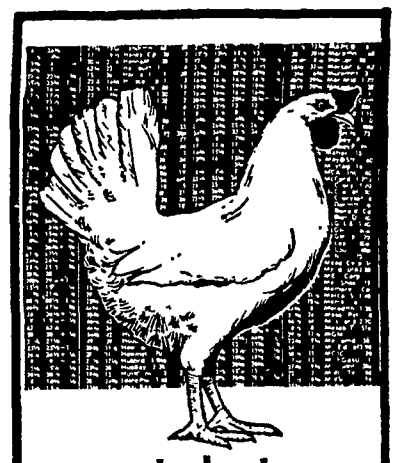
Tuesday, August 28

7 p.m. -- Penn Manor 4-H Community Club meeting, home of Carl Thomas.

4-H District Dairy Show, Farm Show Building, Harrisburg.

Thursday, August 30

6:30 p.m. -- Lititz-Manheim Community 4-H Club Fun Night, home of Arthur Reist, Lancaster.



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A demonstration on chisel plowing was conducted on the Harry Bomgardner farm north of Annville last Wednesday afternoon after the Lebanon County Plowing Contest.

Plowmen Complete

(Continued From Page 1)

Hellerick, Don Holtzer and Dennis Hoke.

In the contour plowing contest, Mark Bomgardner, Annville RD3, beat out Harvey Bomgardner for the first place trophy.

First prize honors in the small plow competition went to Carl Bomgardner, Annville RD3. Bomgardner won out over Joseph Schott and Joseph Holub. Holub was a state contest winner in 1958 and 1960, but hasn't competed in a number of years.

Sven Bomberger, Fredericksburg RD1, in his very first year of competition, took top prize in the large plow division. He competed against John and Charles Bomgardner, Jesse High and Dick Batz.

All three first place winners will go to Hershey.

Judges for the level land contests were Donald Hoffer, John Herr and David Kreider. The contour contest was judged by Lowell Morton and Frank Lucas, while Donald Kreider was the safety judge.

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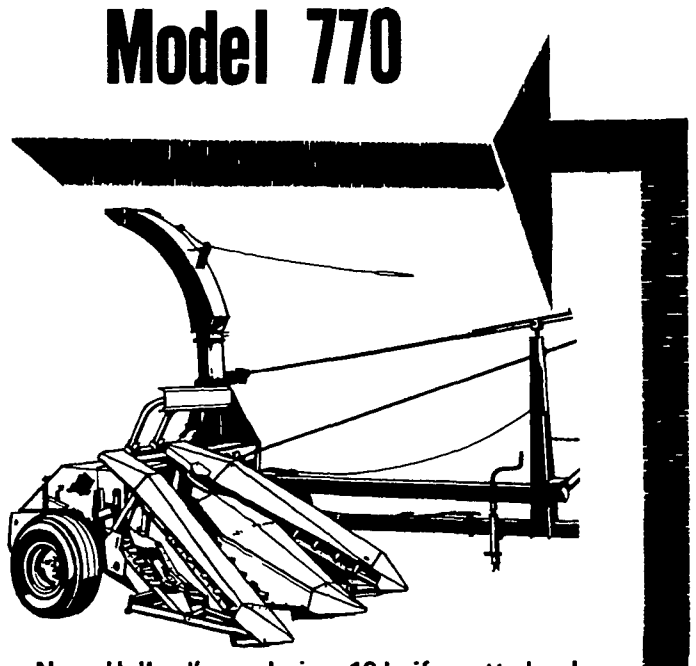
AG PROGRESS DAYS
At Hershey - Aug. 28-30
DISPLAYS and DEMONSTRATIONS of Many
NEW HOLLAND MACHINES
NEW HOLLAND
FORAGE HARVESTER
Model 770



New Holland's exclusive 12-knife cutterhead, coupled with a revolutionary power sharpener to keep these knives bevel-edged, means clean cutting, fine cutting, uniform cutting with less power required. When it comes to capacity, horsepower efficiency and chopping ability, New Holland "770" forage harvesters stand out above the rest. They give you uniform silage with or without a recutter screen.

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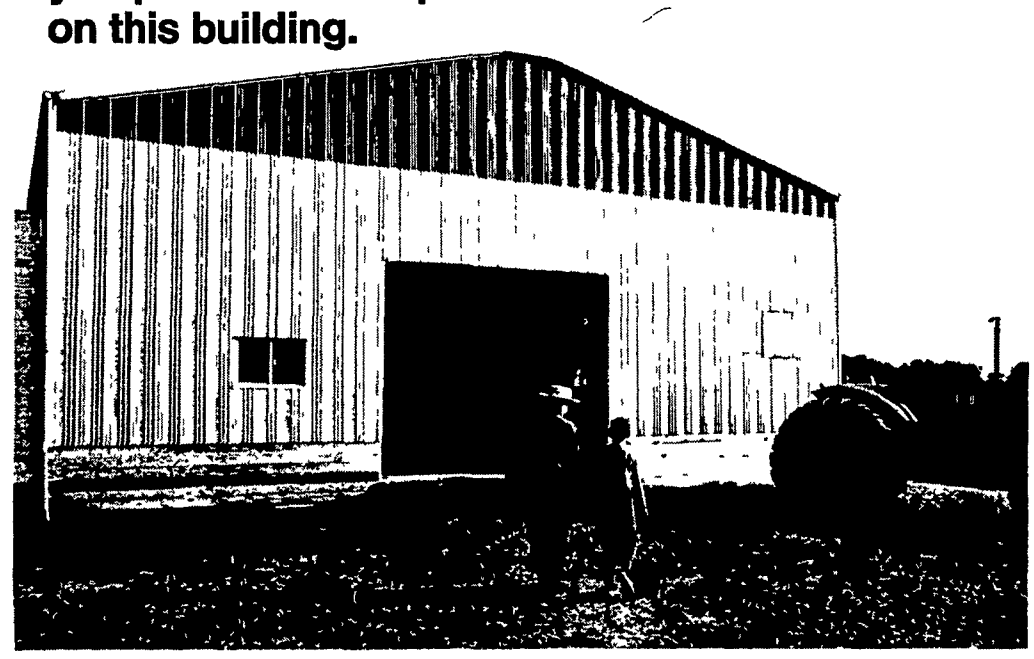
AGWAY

Twenty years from today
he'll still remember why
you put Alcoa Temper Rib sheet
on this building.



Begin by telling him that Alcoa® Temper Rib® sheet is competitive with galvanized, both in strength and price.
Then explain how much erection time you saved because lightweight aluminum was easy to handle and cut (a power saw can cut several sheets at once).
Now tell him why you won't have to paint this building . . . because aluminum resists corrosion all by itself and doesn't need the protection of paint. You might even figure out how much several coats of paint would cost over a 20-year period and how much you'll be saving.
Finally, get into the added comfort of aluminum . . . how aluminum's reflectivity reduces summer stress on livestock and poultry, results in better feed-conversion rates and increased profits.
In 20 years, your son may own this farm, but he'll remember what you said. And you'll both agree that, thanks to Alcoa Temper Rib sheet, this building doesn't owe either of you a thing. For more information, see your local Agway outlet.

Change for the better with
Alcoa Aluminum
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	SALE PRICE	Regular Price
Super Temper Rib	$19.60 /sq.	$24.50 /sq.
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2. Silage Maker has given some outstanding results on various types of materials.
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For more information on Hess's Silage Maker and Hess's Livestock Conditioners call

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717-656-7905 **Crist Stoltzfus** RD1, Leola, Pa. 17540

Many participants in the Northern Nut Growers Association annual meeting brought their families with them to the meeting site at Franklin and Marshall College. This father was explaining differences between varieties to his children when Lancaster Farming's photographer snapped his picture. The nut group is comprised of some 1200 commercial growers and hobbyists from the northeastern part of the country, and members converged on Lancaster for a three-and-a-half day annual meeting last week.

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AUGUST 28-29-30 at Hershey, Pa.

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Top Lebanon Co. 4-H Hog Sells for 90c/lb.

Tom Arnold's grand champion crossbred hog sold for 90-cents a pound this week at the Lebanon County 4-H hog show and sale at the Vintage Sales Stables. Arnold's 210-lb. porker brought a total of $189. Arnold lives at 1245 E. Cumberland St., Lebanon. His hog was bought by the Lebanon County Yorkshire Breeders.

In all, 65 4-H hogs went under the auctioneers gavel, bringing an average sale price of $57.76 per hundredweight. The average weight for all the hogs was just over 199 pounds.

The reserve champion was a 210-pound Yorkshire shown by Jeff Paine, Lebanon RD4. Leidy Inc., of Souderton, Pa. paid 79-cents a pound for Paine's hog.

Danny Seaman, Grantville RD1, showed the champion Duroc, a 185-pound hog shown by Jay Bomgardner, Annville RD3.

The champion Poland China weighed 210 pounds and was bought for 59.5 cents a pound by Hatfield Packing Co. It was shown by Karen Paine, Lebanon RD4. Karen's brother, Richard, showed the champion spotted Poland China and received 62.5 cents for his 200-pound porker from Vintage Sales Stables.

Donald Bollinger, Myerstown RD2, had the champion Landrace, and got 60.5-cents a pound from Hershey Abattoir.

Japanese Attache Named

Secretary of Agriculture Earl L. Butz announced the appointment of David L. Hume as administrator of the Department's Foreign Agricultural Service (FAS).

Hume, who has been U. S. agricultural attache in Tokyo since February 1972, succeeds Raymond A. Ioanes, who is retiring August 31 after 32 years of government service. Hume has been with FAS, the government agency that represents U.S. agriculture in foreign affairs, since 1958. He served as director of the Dairy and Poultry Dvision and as assistant administrator for export programs before assignments to London and then Tokyo as agricultural attache.

Hume, who is 59, was awarded the U. S. Department of Agriculture (USDA) Superior Service Award for his work in London. During his tenure in Japan, U. S. agricultural exports to Japan rose by $1 billion for the fiscal year. Japan is this country's largest agricultural customer.

He is a native of Brookings, S. D, and a graduate of South Dakota State University at Brookings. He received a master's degree in animal husbandry and agricultural economics from North Dakota State University, Fargo, N. D., where he was administrative assistant to the dean of agriculture and to the director of the Agricultural Experiment Station before entering the U S. Army in 1941.

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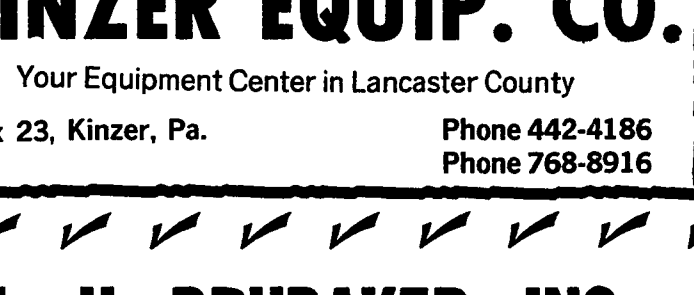

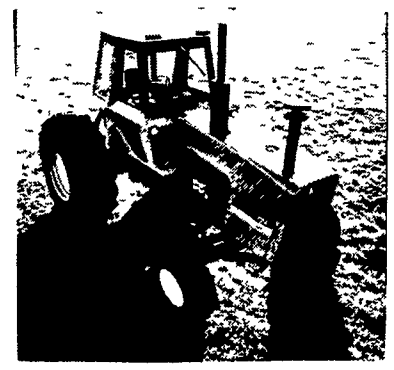

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Bargained Work Rules Can Increase Food Costs

August 1973—Food prices have been a major concern of consumers for several months. A recent study conducted at The Pennsylvania State University revealed that a higher percentage of consumers blame labor unions and food manufacturers more frequently than any other groups for rapidly rising food prices. (See May 1973 Farm Economics)

It is often asserted that labor unions affect costs by putting restrictions on the amount of work which can be performed per hour or per day. "Featherbedding" practices affect costs and prices. If productivity is restricted, the cost per unit of product will probably be higher than it would be if labor productivity were not limited. As wage rates and other labor costs rise, unit costs also rise unless labor productivity increases fast enough to offset those increases. If labor productivity does not increase fast enough, prices must also rise or, at best, remain at levels higher than could be maintained if such a situation did not exist.

Hourly labor rates in food marketing went up 74 percent between 1960 and 1971. Labor costs accounted for 46 percent of the food marketing bill in 1971. Marketing costs represented about 2-3 and labor costs incurred by marketing firms almost 1-3 of total retail food costs.

Food industry labor costs increased 44 percent on a per unit basis between 1960 and 1971. This suggests that labor costs have gone up faster than productivity. However, unit labor costs may have gone up simply because of more away-from-home dining. It may be that foods purchased in 1971 were more fully prepared and a greater quatity of additional conveniences might have been built into them than in the products sold in 1960. Such additions would require additional labor; and increases in per-unit labor costs during the period might be explained on this basis alone.

To determine whether or not collective bargaining affects labor productivity and ultimately unit costs and consumer prices in the food industry, one must study individual parts of the food-marketing complex in detail. Only by intensive study of a rather small portion of the industry can one determine whether or not there is a cause and effect relationship between collective bargaining and labor productivity. If it occurs in one part of the marketing complex it may also appear in other sectors, though that is by no means certain.

The fluid milk industry

The fluid milk industry pasteurizes, bottles, and distributes milk which ultimately is consumed in liquid form. Many changes in technology, transportation, life styles, and distribution methods have taken place since 1940, and each has had its impact on the fluid milk industry. Developments in equipment and methods of handling bottled milk have affected the sizes and locations of pasteurizing plants. The growth in importance of supermarkets as a means of distributing bottled milk has affected distribution systems. Each of these and many other developments which have occurred in the past thirty years have affected the levels of labor productivity that are physically attainable.

However, no other function performed by fluid milk marketing firms has been as drastically altered nor have the possibilities for increasing labor productivity been as great as they have --in - wholesale distribution, which involves the trucking and delivery of bottled milk and other dairy products to stores, restaurants, schools, hospitals, military installations, and similar complexes.

By the late 1960's, 75 to 80 percent of all fluid milk in most metropolitan areas was distributed through wholesale outlets, predominently through supermarkets. It is possible for a wholesale driver delivering to supermarkets to deliver from 10 to 20 times as much milk per day as a driver delivering to homes. Even when store markups are added to the dairy company's wholesale delivery costs, the total is lower in most cases than if the milk were delivered to homes. As these cost differences are reflected in prices, more and more consumers shift to store purchases. Fewer drivers are required. Union members lose jobs, unions lose dues-paying members, and those businesses distributing milk to homes face severe price competition.

Milk has been distributed to stores for decades, but the stores of an earlier era were a far cry from those of the 60's. By comparison they took small quantities and required more individual attention. Unions bargained work rules and pay plans for wholesale drivers serving those stores. Some of these practices and services became archaic when serving modern supermarkets. As opportunities for increasing labor productivity developed, one would have expected dairy firm managers to take advantage of them and achieve lower unit costs. One might also expect labor unions to resist so as to preserve jobs and keep dues-paying members. One method of resisting management's attempts to increase labor productivity would be through preservation of outdated work rules.

To increase output, as measured by units delivered per man-day, it is necessary to maximize that portion of a driver's day which he spends actually delivering the product. All auxiliary functions—such as at-store services, time at plant, or driving and stopping—tend to reduce the amount of time available for delivering product. While some of these functions may be necessary or desirable, they do cut into a driver's actual delivery time In order to increase productivity, management can reduce at-plant time, reduce at-stop services provided, or reduce frequency of delivery to each stop. Reduction of delivery frequency tends to increase the volume per delivery occurance, and with proper routing, reduces the average driving and stopping time per unit. As a result, units delivered per unit of time increase.

The amount of service provided at a wholesale stop and the quantity of product delivered per stop are two of the more important factors affecting unit wholesale distribution costs. Service provided at wholesale stops requires additional time and thus limits labor productivity. Order taking, collecting for delivered product, dairy case stocking, and price marking are forms of seller service provided to some wholesale buyers. Many retailers can perform some of these functions with their own labor, without incurring additional costs. Other buyers can be induced to perform these functions themselves if cost savings are shared with them. Other functions, such as ordering and billing, can be handled much more efficiently by the dsitributor's clerical staff. Drop deliveries (placing cases on the loading platform of a store) require minimum at-stop service, reduce time at each stop, and increase productivity. These productivity-increasing practices have been, or are, prohibited by some labor agreements.

Labor productivity on wholesale routes can be further restricted by limiting the size of load (usually by means of restricting truck size or heights of stacks) or by requiring drivers to perform certain at-plant functions which could be performed by less skilled, lower-paid workers. Further restrictions can be applied by means of actually limiting hours on the street through the setting of "earliest permissable starting times" and "latest permissable on-street times." The effect of such provisions is to restrict the amount of time available for on-route work and hence the quality of product delivered each day.

Because the greatest opportunities for increasing labor productivity have occurred in the distribution phases of the industry, one would expect a union interested in preserving jobs and dues-paying members to bargain productivity-restricting work rules in that phase of the business. Anything which would

(Continued On Page 27)

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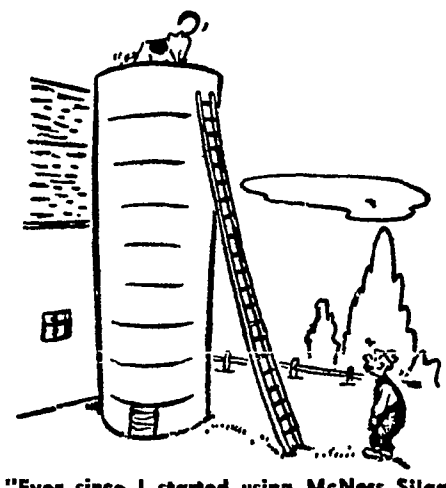
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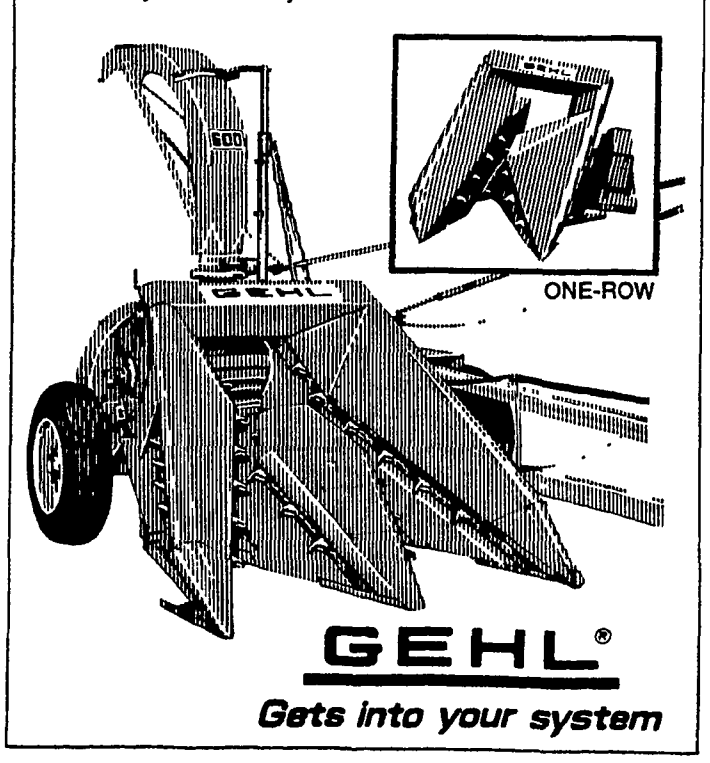

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Bargained Work Rules Can Increase Food Costs

(Continued From Page 26)

decrease or limit labor productivity in the distribution of milk to stores would have a double-edged effect on the objective of preserving the number of jobs. First of all, it would require more men to deliver a given quantity of milk to supermarkets. Secondly, it would keep distribution costs to the supermarkets up, and consequently, cost differences between supermarket delivery and other wholesale deliveries or home delivery would be lessened. If prices reflect these differences in costs, fewer people would be induced to shift to supermarket purchase and would continue to buy at those outlets requiring relatively high levels of labor input. More union jobs could be preserved as a result.

The Chicago-Detroit case

In the fall of 1968 the fluid milk industries of Chicago and Detroit were studied to determine whether or not a relationship between bargaining and milk costs existed in those two markets.+

Labor unions have represented dairy firm employees in Chicago and Detroit for several decades. In fact, the industries have long been considered fully organized. (All of the larger firms in the Chicago and Detroit fluid milk markets were unionized.)

The larger dairy firms in Chicago and Detroit have a number of specialized routes to serve supermarkets. Characteristics of these routes are shown in the accompanying table.

The 62 routes in Detroit delivered more milk during the study week then the 97 specialized routes in Chicago. Average daily route volume was more than twice as great in Detroit as in Chicago. Drivers in Chicago averaged a little under a 7-hour work day (6.96 hours) while those in Detroit worked nearly 8½ hours. In both cases time included a half-hour on-route lunch break.

Management of one firm in Dertoit placed a helper on each of their large-volume supermarket routes, though the union didn't insist on this practice. They realized that such a practice reduced productivity since the helper was essentially non-productive during the driving periods. It was also questionable whether or not a helper was essentially non-productive during the driving periods. It was also questionable whether or not a helper improved at-stop productivity. The firm was contemplating elimination of helpers at the time of the survey. The firm's use of helpers did, however, tend to reduce the quantity of milk delivered per labor hour on supermarket routes in Detroit. Still, units of products delivered per hour of labor were more than 33 percent greater in Detroit than in Chicago.

Detroit drivers worked longer hours. Fewer at-stop services were performed at wholesale outlets in Detroit. As a consequence Detroit routes delivered more product each day and had substantially higher output per man-day than in Chicago.

A careful examination of the labor agreements and negotiated settlements of disputed work rules provides some insight into the differences between the two otherwise similar markets.

By limiting the time trucks were permitted on the street, the hours available for delivery in Chicago were restricted, and much of the productivity difference between these two markets could be explained by that fact alone. Productivity per on-route hour was more nearly similar in the two markets than productivity based on total hours worked. Conceptually that is difficult to understand but it is easier perhaps when one considers the fact that the difference between on-route time and total time is that spent at the plant or eating lunch along the route The amount of this time was the same in both markets and amounted to about three hours per day The longer a routeman worked, the more time he had available to deliver product, and the less effect non-delivery time had on average productivity. Detroit drivers worked longer, had more time to distributed product, and thus a higher productivity resulted.

The difference in hourly labor productivity in these two markets for that time actually spent on the routes was not very great Detroit productivity was higher, but it would have been much greater if helpers had not been used on some Detroit routes. The potential difference can be explained by the provisions requiring certain at-stop services in Chicago which were neither required nor performed extensively in Detroit and by average volume per delivery Some wholesale customers in Detroit wanted services similar to those which Chicago dairies were required to provide When a comparison was made of Detroit routes providing those services with comparable Chicago routes, it was found that labor productivity **per on-route hour** in each market was almost identical Thus the intermarket difference in productivity could probably be attributed to the amount of work required from the average routeman and would not necessarily reflect how ambitiously he performed that work Not all routes in Detroit were required to provide these additional services and did so only if the services were performed less frequently in Detroit and the average route's productivity per on-route hour was higher.

The average volume delivered per stop was much higher in Detroit than in Chicago. Though the weekly volumes per customer were very similar in the two markets, the volumes delivered

(Continued On Page 28)

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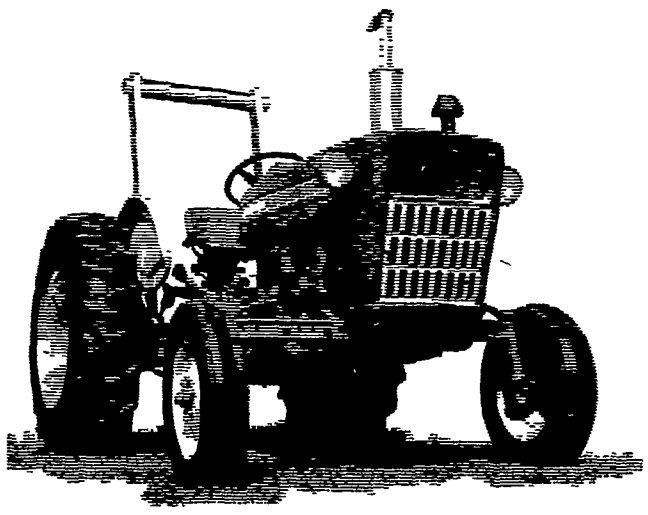

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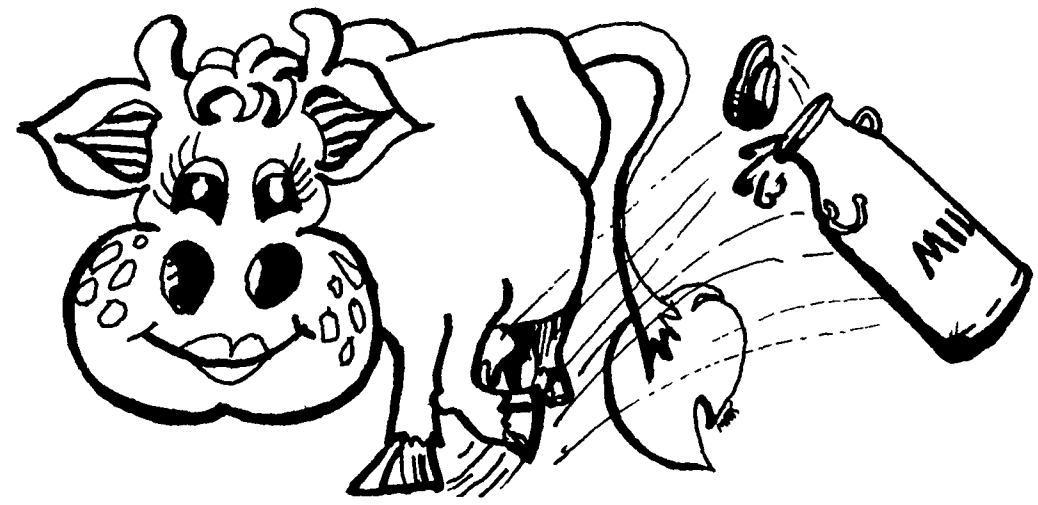

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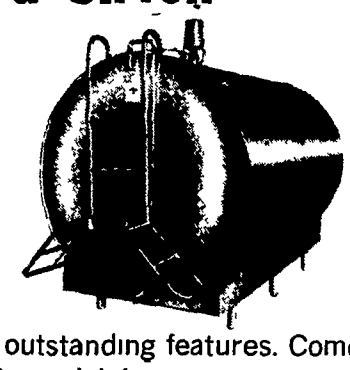

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Bargained Work Rules

(Continued From Page 27)

per occurrence were much different, primarily because Detroit routes served supermarkets 5 days each week, whereas the Chicago agreement prevented shifting from a 6- to a 5-day delivery system Individual drivers did not work 6 days in Chicago, but a substitute driver had to be employed to serve as a relief driver one day for each of five routes

It should further be noted that earning levels of all wholesale route drivers in Chicago were higher for fewer hours worked and less product delivered than in Detroit. Both had earning levels which were quite high by 1968 standards The average wholesale route driver earned $295 per week in Chicago and $238 per week in Detroit Weekly earnings in manufacturing as reported by the Bureau of Labor Statistics were about $140 in Chicago and $174 in Detroit during September, 1968. In addition to wages, the cost of fringe benefits was about $2500 per man per year in Chicago and $2077 in Detroit

As a result of the combination of lower labor productivity, higher earning levels, and fringe benefit costs in Chicago, the labor cost attributable to the delivery of a quart of milk to a wholesale customer was nearly twice that incurred in Detroit (1.86 cents in Chicago vs 0.95 cents in Detroit). One should remember that these were 1968 earnings and benefit levels

Because it would take more trucks in Chicago than in Detroit to deliver the same quantity of milk, the costs associated with truck ownership and operation would also be higher on a per-quart basis in Chicago. Restrictions in the use of labor can affect the productivity of other resources

Chicago and Detroit are both large metropolitan markets and geographically close Much of the cost difference between the two markets can undoubtedly be attributed to differences in "collective bargaining structures." Chicago's dairy industry was and is completely organized by one international union. One local represented all wholesale route drivers. Employers bargained as a group with the Teamsters union. All competitors operated with identical labor agreements and experienced identical interpretations and administration of them

By comparison, Detroit dairy workers were represented by two separate unions and each company bargained individually with the union representing its workers Contracts differed, and interpretations could also vary from company to company Restrictions on labor productivity could not be written into a labor agreement and enforced unless they were included in all others To do otherwise would allow some dairy companies to achieve lower costs and would simply shift business and jobs to some other company A dairy company could not be expected to bargain away its ability to compete, and a union would be unwilling to improve employment opportunities in firms represented by a rival union Competition, both among dairy companies and between rival unions, tended to prevent collectively bargained clauses which would slow adoption of cost-reducing practices To have obtained productivity-inhibiting clauses, such as those found in Chicago, in the Detroit labor agreement would have required cooperation among competing firm managers in addition to agreement between an AFL-CIO union and the Teamsters Either possibility would have been unlikely and even if mutual agreements had been achieved, enforcement of them would have been impossible Each union might have interpreted the agreement differently. For example, a union official striving for members might close his eyes to prohibited practices it if would improve the firm's ability to compete, particularly if it would lead to more business and thus create more jobs for his members.

The Chicago performance was an example of the power that can be brought to bear by a large powerful union There is some evidence, however, that the results were at least partially attributable to management's willingness to concede them. By bargaining away cost-reducing opportunities open to competing firms, or by making these opportunities less attractive, the status quo could be preserved. While this conclusion was suggested by the preponderance of evidence, no specific incident or action by itself was very conclusive Perhaps a hypothetical example can illustrate why competing firms would willingly bargain away access to productivity-increasing practices.

If a few firms serve a small geographic area, such as that of a large city, with a perishable bulky product which buyers find quite uniform from company to company, then managers of those firms tend to compete by seeking cost-reducing practices which will allow them to meet or beat the prices offered by other firms selling the product. Opportunities for cost reductions frequently vary from company to company For instance, if one company is serving only large supermarkets and another predominantly restaurants, it is conceivable that limiting route services would be an acceptable means of lowering distribution costs for one and not the other. The supermarket people might be willing to accept less service and perform some functions themselves for a share of the savings. The restaurant owners might need and require these services since they would have no acceptable means of handling the job themselves Furthermore, if the cost-reducing firm passes some of the savings on to the buyer, and the buyer in turn passes them on in price reductions, some restaurants might shift to buying from the supermarket In such a case, the firm which couldn't innovate might lose part of its market Volume of business would decrease As size of the business became smaller, unit costs would increase and the firm might be forced to go out of business. Competing firms, therefore, might be interested in preventing cost-reducing innovations which they would find impossible to utilize in their own businesses By bargaining away opportunities for innovation, employers in a multi-employer bargaining group can exercise some control over competing firm costs and ultimately over prices offered Prices tend to remain higher than they otherwise would

Firms in nearby markets would not be likely to take part of the business because a bulky perishable product is expensive to transport. Such a situation can exist as long as the difference between actual costs and those which would be "possible" if no restrictions on productivity were imposed is not in excess of the cost of hauling the product from potential suppliers. Furthermore, a labor union might pressure wholesale buyers to refuse product from out-of-towners on threat of jurisdictional disputes. Increases in labor productivity or shifting of jobs to some other area would mean a loss of union members. That would not be in the union's or business agent's best interests.

The hypothetical example does not indicate that such a situation exists It does, however, give an indication of the incentives which might lead to collective bargaining conduct of this nature in a market-wide bargaining relationship.

Under these conditions it would pay unions and firm managers to cooperate. A union could preserve jobs and relatively high rates of pay. Business firms could protect profits and prevent or slow the threat of cost competition from potential innovators. Only consumers and producers, to the extent that "over" pricing reduced consumption, would lose.

Summary

Margins for milk sold in Chicago supermarkets were 1.7 cents per quart higher than in Detroit. Differences in distribution labor costs and other operational costs appeared to account for slightly over half of this difference While this doesn't seem like a great difference, it was conservatively estimated that actions under this collective bargaining relationship cost Chicago area consumers an additional $16 million per year for their bottled milk.

Limitations on labor productivity in food marketing firms have added to food costs. How much the forgone productivity-increasing opportunities have cost consumers is unknown Whether the limitations result from the power achieved by many of our labor unions or from competitive strategies of firm managers or both, they nevertheless increase the size of the food bill.

+Brewer, Thomas A. Unpublished PhD Dissertation, Department of Agricultural Economics, Cornell University, Ithaca, N Y

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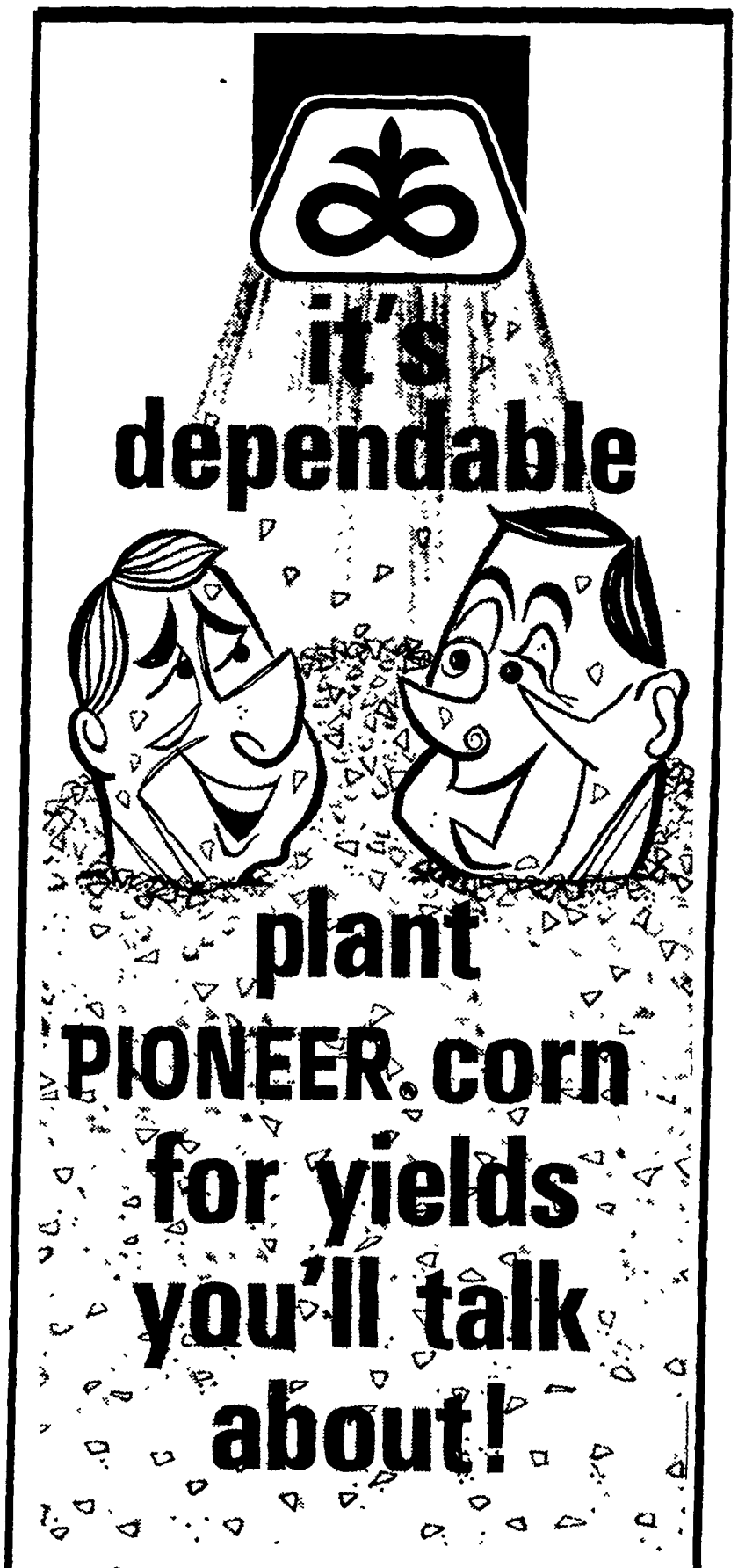

See Your Pioneer Salesman at AG Progress Days, Hershey, Aug. 28, 29, 30.

Soybean Association Told Railroads Need Government

A fundamental re-evaluation now underway will put railroads back into prominence but only with government help, according to Alan S. Boyd, president of the Illinois Gulf Central Railroad and featured speaker at the American Soybean Association annual meeting.

Boyd told his audience that present trends towards bigger railcars, more modern facilities and efficient operations can increase railroads' capacity seven times.

"However, to accomplish this, legislation is needed that is aimed at restructuring Eastern roads into viable systems under private operation. To me, that means Congress must relax economic regulation of railroads, provide low-interest loans for track work, equitable taxation, revised entry and exit requirements, funds for grade separations and crossing protection.

"Railroad problems are the result, in large part, of a regulatory system set up to control the U. S. railroad monopoly. In its time, the control was needed. But, after promoting competition it set out to create, the regulatory system created excess capacity, inefficient capital allocation to reproduce regulated capacity and threatened to destroy the nation's railroads in the Northeast. Congress is faced with a crisis that is based upon the spreading inability of railroads to survive the archaic economic regulation to which it alone, of all transportation modes, is subject,"

Boyd also reviewed recent developments such as longer and wider trains and closed hopper cars that will help move agricultural commodities.

Botulism: What It Is and How to Prevent It

Lately botulism has been big news. As a result, many consumers want to know more about the organism. The Food and Drug Administration supplies these facts.

First of all, botulinum poisoning is extremely rare. Although the organism is common in the environment, it is usually harmless because it cannot grow and therefore produce toxin in the presence of oxygen.

If, however, the bacteria get into an airless container without being destroyed by proper cooking, they can multiply and become deadly.

Modern methods of commercial canning have greatly reduced the threat of botulism from those products. Since 1925, there have been only four reported botulism deaths in this country associated with commercially canned foods.

In recent years, most instances of botulinum have been found in home canning when the preparer doesn't cook the food a long enough time or at a high enough temperature to destroy the organism. Since 1925, about 700 deaths from botulism have resulted from home canned foods.

Whenever botulinum is found in commercial foods, there are precautions which you can take. Any canned product should be examined before opening. Danger signals: bulged or heaved-up lid, leakage of contents, or bubbling or boiling of the contents, when the can is opened. If you notice any of these characteristics, return the product to the store Never taste the contents and don't throw it away. The FDA will need it to test for contamination. You can contact the Agency by phone or in writing at its nearest field office or resident inspection station.

Machine Reduces Harvest Losses

Research at the University of Illinois shows that a floating cutterbar combined with an air blanket will reduce soybean harvest loss 43 percent when compared to today's equipment, according to one leading agricultural engineer.

W. Ralph Nave, USDA agricultural engineer working at this Illinois university, told American Soybean Association convention delegates that his design provides a blanket of air just back of a floating cutterbar. The air blanket assists in movement of plant material into the combine header.

"Although soybeans have become the leading U. S. cash crop, they are still planted, harvested and dried with equipment designed largely for other crops. The average soybean farmer loses about 10 percent of his soybeans in the fields and another 30 percent is damaged."

At the same time, Nave said very little research has been done in drying, handling and storage of soybeans.

"Many grain drying methods adapt to soybeans with some restrictions on heat use and handling. Ohio State University work indicates the key in avoiding seed coat cracking is to keep drying air above 40 percent humidity."

Unheated air can be used on either seed or commercial soybeans if weather conditions are favorable. In general, air conditions should be above 60 degrees Fahrenheit and humidity below 75 percent, he added. Safe storage moisture content for soybeans is 11 percent.

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Number of prints	Size	Cost of each	Total
_____	4x5	$1 50	_____
_____	5x7	2 00	_____
_____	8x10	2 50	_____

Total order (Please add 6 pct. Pa Sales Tax) _____

Please send remittance with order Allow 10 days for delivery.

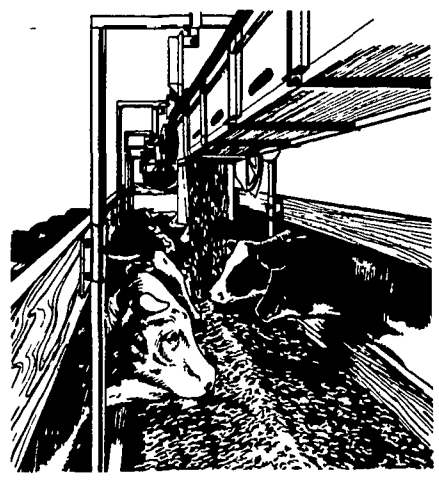
Name _____

Street _____

Town _____

State_____ Zip_____

PATZ
MODEL 166 OVERHEAD CATTLE FEEDER



- Self-aligning, self-leveling track and conveyor
- Horizontal and vertical flexibility
- Exclusive floating suspension system
- No more feeder alignment problems
- Feed cattle regardless of bunk misalignment

Model 166 Feeders are available for bunks from 50 to 200 feet long, are powered by a 1½ or 2 HP instant reverse motor.

SEE IT AT AG PROGRESS DAYS AUG. 28-30

See your PATZ Dealer today
Marvin J. Horst
DAIRY EQUIPMENT
And Ammana Appliances
R D 1, LEBANON, PA. (Iona) — On Route 897
between Schaefferstown and Lebanon.
PHONE. 272-0871
Over 30 Years In Business At The Same Place

MERRY KING

A NAME TO REMEMBER

Sire Power INC

9H096 Md-Gaywinds MERRY KING VG-87

	USDA 5-73		
71 Dtrs. 49 Herds	16,500	3.62	597
Diff. over Herdmates	+1,196		+35
P.D. 76% Rpty.	+$54	+980	+30

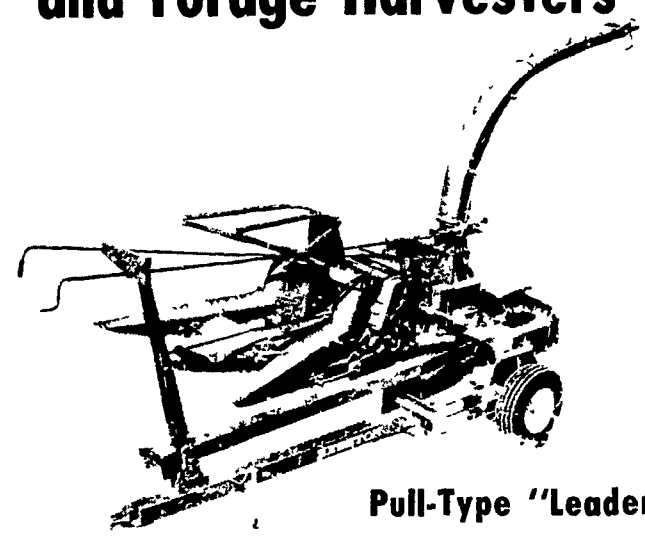
MERRY KING is a KINGPIN son and is doing many of the same things right which made his sire great, including the will to milk and the stamina to do it year after year. MERRY KING can be expected to improve stature, strength, dairy character and, of course, milk production.

JUST RELEASED! THE 1974 SIRE DIRECTORIES. CALL

NEBA
R.D. 2, Tunkhannock, Pa.
Phone 717-836-3127

FOR PROFESSIONAL SERVICE CALL:
Marlin Kover 687-6214
Nelson Kreider 733-1224

HESSTON
PT-7 or PT 10 Windrowers and Forage Harvesters



Pull-Type "Leader"

2000-100 H.P. 540 R.P.M. gear box both have high capacity cutter. Can be used with a variety of Hesston Headers — 2 and 3 row corn headers, 2 row snapper header, and 6 ft pickup header. Come in today and see this pull-type work horse.

PT 10 Demonstrator Forage Harvester

MILLER'S REPAIRS
8 Miles East of Lancaster
R.D.1, Bird-in-Hand, Pa. Phone 717-656-7926

Andy Augsburger, left, son of Mr. and Mrs. Walter Augsburger, Reinholds RD1, was named this week to receive a hive of honey bees from the Lancaster County Honey Producers Association. The hive, the first ever awarded by the local group, will be used by Andy for a 4-H project this year. With the winner is John L. Moore, Ephrata, secretary of the honey producers.

Recreation as Usual At Lake Aldred

This year offers a changed appearance for Pennsylvania Power & Light Company's Lake Aldred, but boating and fishing facilities remain good. Since the Susquehanna River flows through a mountain pass in this region, the waters of Tropical Storm Agnes in 1972 caused a higher water level in the lake than elsewhere along the river's course. The end result was a large deposit of silt and debris on the banks and islands.

George Aukamp, lake superintendent for Pennsylvania Power & Light Company, said that recreation is again at full swing and boaters and fishermen unaccustomed to the new appearance of the area, sometimes think the water level is low. Actually, the water is not lower -- the banks are higher. The banks have been raised in some areas as much as three to four feet and one island has been increased in size by 20 acres, causing this misconception, Aukamp added.

Holtwood Dam backs the water up past the mouth of Pequea Creek, explained Aukamp, to form the lake which is maintained at a minimum recreation level of 167.5 feet. This is the same minimum level as was found to be best in other years of operation. The recreation season begins on May 15th and runs through September 15th.

Above Pequea Creek, the level of the Susquehanna is controlled by the water flow from the hydroelectric power station at Safe Harbor Dam. Changes in elevation may occur in a matter of hours at that point, but do not normally affect boaters at the Pequea launch areas.

Although the recreation season is usually recognized as summertime, Lake Aldred's camping and picnicking facilities and boat launch areas are open to the public all year round.

PUBLIC 2 DAY SALE

Valuable Real Estate, Household Goods, Lot of Fine Antiques (3 generation accumulation) Tools, etc. at 127 S. Main St., Muncy, Pa.

SATURDAY, SEPTEMBER 1 AND MONDAY, SEPTEMBER 3

Starting 10 A.M. Both Days

Nice Victorian furniture, some marble top; Empire dining table 48" x 90", converts into library table; nice sofa, all kinds of rockers, including finger carved Lincoln; 2 good sets of 6 plank chairs; other chair sets; oil lamps; beautiful prism hanging lamp with lovely flowered shade; 2 very nice hall hanging lamps; nice picture frames, some deep; very unusual beautiful oil painting on wood plank with deep gild frame 45" x 58" with a lovely primitive winter scene; old Rosewood Molodeon; jelly cupboard; old marked jugs and crocks; dated jars; wiretop jars; two 4 leg cherry drop leaf tables; Genny Lynn full size bed; Genny Lynn rocker cradle; plank high chair; child's rockers; slant top desk; shop keeper's large slant top desk; carding wheel; ox yoke; flax wheel; Currier and Ives Little Daisy and Little Minnie; wooden ice refrigerator; dishes; galssware, etc.; 5 wash stands; raised back trunks; 2 old Lever .22 rifles; Sharps Rimfire 4 barrel brass trim revolver 1859; Old Defender 89 .22 revolver; old gold watches; sad irons; trivets; C. I. Dinner bells; 2 brass top iron beds; 2 marble top stands; wood and molding planes; 2 oak sectional bookcases; many, many small items; full line of modern household goods - color T.V.; washer; dryer; 13' x 21' and 13' x 20' rugs; like new 42" G.E. electric stove with 2 ovens fully loaded, etc.

REAL ESTATE

Monday, September 3, 1:30 P.M.

CONSISTS of lovely Early Victorian 2½ story 7 room (4 bedroom) brick home with all conveniences - 2 marble fireplaces, modern kitchen, etc. Small barn-garage in the rear Real Estate Terms: $2,000 down day of sale. Balance 30 days.

Robert E. Plankenhorn
Owner 546-3434

Auctioneer: Max Fraley 546-6631

Lunch. Tent If Inclement.

Make More Milk... Make More Money

Beacon Golden Test Rations

C.A.F. — The Cow Acceptability Factor — determines how much grain your cows will eat. Beacon Golden Test milking rations are partially pelleted, contain a proven level of crimped corn for extra palatability. Even finicky eaters clean these feeds up well, responding with higher milk production than when fed less palatable feeds.

The Cow Acceptability Factor helps get more grain into your cows in critical periods of milk production. Call us today for Beacon Golden Test Rations with C.A.F.

H. Jacob Hoober
Intercourse, Pa.

O. Kenneth McCracken & Son
Manheim, Pa.

H. M. Stauffer & Sons, Inc.
Leola, Pa.

Earl Sauder, Inc.
New Holland, Pa.

BEACON FEEDS

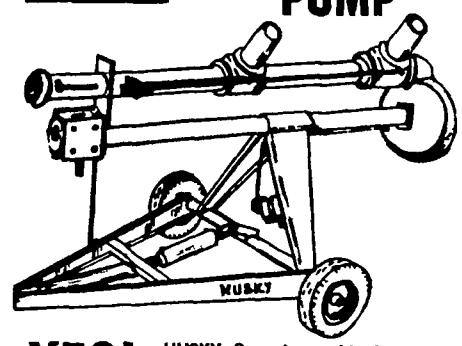
The Beacon Milling Company, Inc.
Headquarters: Cayuga, N. Y.

STOP and SEE US at AG-PROGRESS DAYS

LOOKING FOR LIQUID MANURE EQUIPMENT

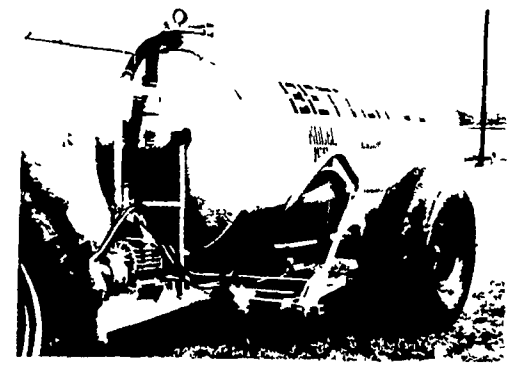
SEE IT AT AG PROGRESS DAYS

HUSKY C72 LIQUID MANURE PUMP



YES! HUSKY Spreaders with Large Volume Spreading and Plow Down Attachment.

"BETTER - BILT"



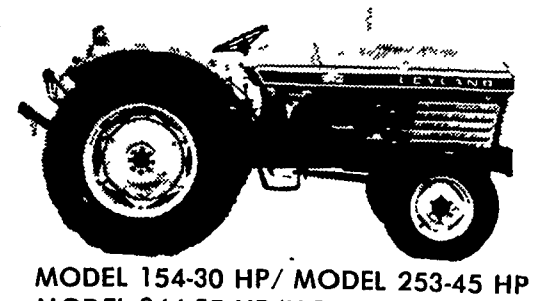
VACUUM LIQUID MANURE SPREADER AND PLOW DOWN ATTACHMENT

DARI-KOOL Bou-matic MILKERS

PIPE LINES— MILKING PARLORS BULK TANKS

DARI-KOOL BOU-MATIC GIVES YOU THE THREE VERY IMPORTANT POINTS FOR GOOD MILKING—

BRITISH LEYLAND TRACTORS **FARM TRACTORS**



MODEL 154-30 HP/ MODEL 253-45 HP
MODEL 344-55 HP/MODEL 384-65 HP
MODEL 384T-75HP
AT THE ALLIED FARM EQUIPMENT BOOTH.

SHENK'S FARM SERVICE

R.D. 4 Lititz, Pa. Woods Drive 2 Miles East of Rt. 501 **Ph. 626-4355**

READ LANCASTER FARMING
FOR FULL MARKET REPORTS

FOR SALE:

34 Registered Holstein Dairy Herd.

Herd consists of a few Fresh Cows. Balance to freshen August, September, October, November. All coming with their 2nd and 3rd Calves. Will also sell the Real Estate.

REAL ESTATE

Farm consists of 200 Acres, 35 Stanchion Barn, 2 Silos, Bulk Tank, Barn Cleaner, Milkers. Barn full of excellent Hay & Straw. Silos will be full of Corn Silage. New calf barn. Remodeled farm home, 2-Car Garage, Hot Water Heat, Natural Gas, Large Pond. Excellent location. One third Down--10 Year Mortgage for balance.
Reason for selling---I am discontinuing all my farming operations.

RONALD D. WEST
R.D.1, MANSFIELD, PENNA.
PHONE: 717-724-1989

PUBLIC SALE

Real Estate, Farm Machinery, Purebred Hogs, Growing Corn, Feed, Hay, Straw, Household Goods, and Antiques

Saturday, September 1, 1973 at 10:00 A.M.

Located approx. 1½ miles west off old Rt. 111 (Susquehanna Trail), turning at Albrights Trailer Court, along Glen Valley Rd., only minutes from Exit 2 (Glen Rock Exit) of Rt. 83 Expressway in Shrewsbury Twp., York Co., Pa. Watch for arrow leading to sale.

Real Estate

Tract No. 1 - Consists of approx. 6 acres improved with lg. remodeled brick home, bank brn & lg. farrowing house, corn barn & fenced meadow land with a spring fed stream & pond. House is remodeled with lg. brick fireplace & wall, wood paneling, modern kitchen, bath, 5 bedrooms & 2 finished rooms on the third floor. Other improvements are oil fired hot air furance, gas hot water heater & cemented basement. The farrowing house is 20 x 130 ft. consisting of 21 pens, feed area & equipped for a lg. full scale hog farrowing operation.

Trace No. 2 - Consists of approx. 64 acres of clear level farm land adjoining tract No. 1 and originally part of the same real estate to be offered in separate tracts & then in its entirety. This farm has many development possibilities in that the location is near Glen Rock & only minutes from Exit 2, Rt. 83 Expressway.

Terms 10 percent down day of sale & balance in 30 days, also buyer may use the option of a purchase agreement whereby only a percentage is to be paid down & balance to be financed for 5 yrs. of 5 equal payments at the rate of 7 percent interest annually. Real estate to be offered at 2:00 P.M. and subject to prior sale. Inspection by calling 717-235-1777

Farm Machinery

J.D. A tractor; J.D. automatic wire tie PTO pickup baler; Woods Bros. 6 ft. cut combine with motor; J.D. tractor manure spreader; Ford 13 disc grain drill; J.D. 3 section 36 tooth harrow; J.D. 28 disc harrow; J D. No. 953 16 ft. wagon; J.D. corn planter; Ford 6 ft. mower; J.D. 4 bar side delivery rake; Ford post hole digger; Ford cord wood saw; Papec hammer mill; Sears cylinder corn sheller; Sears 2 row corn planter; Craftsman 2½ gal. paint spray tank; Sears spray paint gun; ½ HP Craftsman 4 cyl. compressor; alum. elevator with ½ HP electric motor; 12 ft. truck bed with cattle racks; J.D. 3 - 16 in. bottom plow; Ford 3 pt. hook tractor scoop; J.D. manure spreader tires & wheels; acetylene welding outfit; platform scales, lg. cattle & hog scale weighs up to 3600 lbs.; lg. group of wooden windows; 50 sheets of 4 ft. x 8 ft. insulation; 5 bags of certified Wong seed barley; glass chicken waterers.

Purebred Hogs & Equipment, Corn, Hay, Straw, & Growing Corn

10 head of Berkshire brood sows, some bred & some with pigs; 1 yearling herd reg. boar; 1 200 lb. stock boar; approx. 60 hd. shoats weighing 40 - 80 lbs.; hog feeders, troughs & waterers.

Approx. 300 bu. of last year ear corn; 18 acres of growing corn to be offered by the acre; 400 bales of old barley straw; 300 bales of new barley straw; oats straw; baled hay.

Household Goods & Antiques

Ironrite automatic ironer; several iron beds & springs; maple desk; 2 metal desks; metal wardrobe; 5 dr. metal storage cabinet; 1 metal storage cabinet; kitchen sink; bathroom sink; bathtub, commode; chairs; coca-cola ice cooler; Pencraft 21 in. mower; Draftsman table; lg. two kettle iron butcher furnace, sm butcher bench; sausage stuffer; pot bellied stove; 5 gal. milk cans, crocks, jars, bottles, dishes; 2 antique sewing machines; & many items too numerous to mention.

Terms: cash or approved check

Mr. & Mrs. Richard Boyd
Glen Rock, Pa. R.D.1

Robert L. Sechrist, auctioneer Ph. 382-4379
John Hope Anderson, clerk
Refreshment rights reserved
Not responsible for accidents

Delmarva Annual Meeting Oct. 16-17

Dr. Richard Long, chairman of the Delmarva Poultry Industries Health Committee, and staff Avian Pathologist with the Agricultural and Veterinary Products Division, Abbott Laboratories has announced plans for the association's 8th annual meeting.

The meeting, to be held October 16 and 17 at the Delmarva Convention Hall, Delmar, Maryland will feature leading industry experts in the field of disease research. Among the speakers and topics are: Dr. R. W. Winterfield on bronchitis, Dr. Harry Yoder on M. Synoviae, and Dr. Art Bickford on inclusion body hepatitis, and Dr. Caswell Eidson on Marek's disease. In addition, several representatives of the USDA will be present to discuss the AQL program, residue problems in carcasses and tips on reducing inplant downgrading and condemnations.

According to Dr. Long, over 22 eminent veterinarians specializing in avian pathology will participate in the meeting, and topics have been selected which should hold an immediate interest for anyone in the industry. Further information and pre-registration instructions are available through Delmarva Poultry Industries, Route 2, Box 47, Georgetown, Delaware 19947.

P. B. GUERNSEY SALE

Thursday, August 30th, 12:30 Noon

At the Ass'n. Sales Pavilion, Lancaster, Pa.

30 HEAD - 1 Bull - 22 Cows, 6 Bred and 1 Open Heifer

Majority fresh before sale or due in September and October.

The sale features 19 head from Ronald Jones and Family, White Hall, Md. This is his final group of cows and bred heifers, having sold others in previous Special Sales, which were highly appreciated. Their good records, good type, and attractive udders appeal to everyone.

The bull, also from Mr. Jones, is a "Darimost" son born 1-19-72 dam with consistently high records over 13,000 pounds M.

If you can't be at the sale, please call us and we will handle your order in your interest.

SALE MANAGED BY:
PENNA. GUERNSEY BREEDERS' ASS'N.
P.O. BOX 458 CAMP HILL, PA., 17011

108 REGISTERED GUERNSEYS

In The
ONAHILL FARM COMPLETE DISPERSAL
Friday, September 7, 1973 - 11:00
Lunch Available

At the farm - Bordentown, New Jersey; Wm. Von Thaden, Owner, Bordentown, New Jersey; Phone: 609-499-2199

SELLING 2 BULLS — 57 COWS — 18 BRED HEIFERS
16 YEARLINGS — 15 CALVES

The Onahill herd is one of the best Guernsey herds in the East. It has been developed over twenty five years with intensive line breeding to Flying Horse Royal Rose, 22,558-1154-5 yr. one of the great producing and reproducing Guernsey cows.

Featuring daughters of Woodacres, Master Chief, Woodacres Darianns Hal, Onahill Mr. Royalist, Housleys Dari Fayvor.

74 DHIR RECORDS 12879-617
64 Classified Ave. 84.4
GOLD STAR BREEDER 1972

Don't miss this chance to buy from a **Good uddered line-bred - Gold Star Herd.**

This could be a real bargain day to buy top Guernseys. There are very few herds in New Jersey so there will be few local buyers.
It will pay you to come a distance.
Easy access to Pa. & N.J. turnpikes

DIRECTIONS: Take Florence exit off Interstate 295. Turn left - ½ mile to Old York Road. Left on Old York Road. 1st farm on right Or — Florence exit off Penn. Turnpike - 2 miles to farm.

SALE HEADQUARTERS: Holiday Inn, Bordentown, N.J. Located on Rt. 206 - Exit 7 off N.J. Turnpike Phone: 609-298-6100

SALE MANAGED BY — FOR CATALOGS WRITE
THE MERRYMAN COMPANY, SPARKS, MARYLAND 21152
John B. Merryman, Sparks, Md.
Phone: Home 301-771-4624
Office 301-771-4321
George W. Snyder, St. Johns, Pa.
Phone: 717-788-3029

PUBLIC AUCTION

OF VALUABLE REAL ESTATE

FRIDAY EVE. SEPT. 7, 1973

7:00 P.M.

Located south of Route 30 from the East end of Mountville along Hershey Mill Road, Manor Twp., Lancaster Co., Penna.

95 ACRE FARM
more or less

2½ story two-unit brick dwelling with slate roof
FIVE ROOMS AND BATH
FOUR ROOMS AND BATH

Separate oil burning hot water heating systems. Two gas water heaters. Pressure system.

Large bank barn with corn barn attached. Stables set-up for steer feeding operation.

Concrete stave silo.

Large tobacco shed, also room to hang tobacco in corn barn.

Sewage line thru property. Pond with spring

This land is in high state of cultivation.

For appointment to inspect property call 393-4464.

FANNIE G. SHEAFFER
AND
NATIONAL CENTRAL BANK
CO-EXECUTORS OF
ABRAM R. SHEAFFER, ESTATE

HARRIS C. ARNOLD, SR. ATTY.
ABE DIFFENBACH, AUCTIONEER

Beechdale Farms Simmentals Grand Champions

A son and daughter of the Great Galant bull walked away with grand champion bull and grand champion female honors at the 1973 Allentown Fair and Livestock Exposition.

Owned by Beechdale Simmental Farms and exhibited by Dr. Tom Conrad, the grand champion bull was a three-quarter Simmental - one-quarter Hereford originally entered in the Junior calf competition. According to the judge, the calf, not yet weaned, showed excellent muscling and size. Estimated adjusted weaning weight of the calf was 720 pounds.

The champion female, also owned by Beechdale Farms of Bird-in-Hand, was originally entered as a jr yearling. Born February 8, 1972, this heifer, a three-quarter Simmental and one-quarter Shorthorn had an adjusted weaning weight of 698 pounds.

Beechdale Farms, which also took first place ribbons in the summer yearling and female junior calf divisions, has been - acquiring a high-quality foundation herd of percentage Simmentals from the best available females in the United States. Currently Simmentals are much in demand by cattlemen anxious to establish foundation herds of this Swiss Breed Though they are used as dual purpose cattle in Switzerland, the American Simmental is being developed for beef purposes Conrad claims that Simmentals have a definite economic superiority over the traditional breeds heretofore popular in the United States.

Dr Conrad is currently undecided as to whether to offer the champion bull for sale or to steer him for use as a 4-H steer

Ebersole's Complete Leadership School

Mr and Mrs Raymond Ebersole of Manheim RD3 have just completed the Conklin Leadership Preparation School in Minneapolis at the Sheraton Ritz Hotel They have been awarded the position of Distributor in the Conklin organization

Public Sales Register

SAT. AUG. 25 - 11 A.M. Public Auction of 150 Holstein Cows and Open Heifers, full line of farm machinery. Sale by Thomas H. Hunter at Hermitage Farm, Centreville, Md. H. Rudnick & Sons, Auctioneers.

SAT. AUG. 25, 12 Noon Raymond B. Nolt Holstein Dispersal Sale of 62 High Grade Holstein Dairy Cattle located on Route 422 east from Lebanon to Womelsdorf then Route 419 North, past Four Points Hotel, to Rehrersburg to Strausstown Road, turn right, first farm on left; or 419 South off Route 22, second road left, first farm on left. Watch for sale signs. Terms by Raymond B. Nolt, Bethel RD1, Pa. John E. and Paul E. Martin, Auctioneers.

SAT. AUG. 25 - 11 A.M. Public Sale of Farm Machinery and Complete Holstein Dispersal located on the farm on Woodland Way near Myersville, in Frederick County, Maryland, 12 miles east of Hagerstown and 12 miles west of Frederick. Turn north off Route 40 onto Easterday Road and follow sale signs. Sale by Ray Kline, owner, Myersville, Md.; A. Doty Remsburg, Sale Mgr. and Auctioneer, Jefferson, Maryland.

MON. AUG. 27 - 12:30 P.M. Holstein Dairy Sale located in Cumberland County, just south of Newville, Pa., along Big Spring road. Use Newville Exit off Int. 81. Turn north on 233 to Newville, then left along Big Spring. Sale by William Aukema, owner, RD1, Newville, Pa. Ralph Horst, Auctioneer.

WED. EVE. AUG. 29 - 6:30 Sharp Public Sale of Household Items and Antiques located near Christiana. Travel out W. Broad St. about ¾ mile, watch for arrow at MYERS LANE. Sale by Frank W. Myers, Diller and Kreider, Auctioneers.

THURS. AUG. 30 - 12:30 Noon P. B. Guernsey Sale at the Ass'n. Sales Pavilion, Lancaster, Pa. Sale Managed by Penna. Guernsey Breeders' Ass'n. P.O. Box 458, Camp Hill, Pa. 17011

THURS. NIGHT AUG. 30 - 8 P.M. Public Auction - Dairy Sale located 5 miles North of Route 222 along 897, 2 miles North of Reinholds. Sale by Vernon and Ray Kline, owners; Randal Kline, Auctioneer.

FRI. AUG. 31 - 1:00 Rockwell's Livestock "Harvest Special Dairy Cattle Auction" located 3

(Continued On Page 33)

July Eggs same as June Production

Laying hens in Pennsylvania produced 291 million eggs during July according to the Crop Reporting Service. This was about the same as last month but two percent less than a year ago.

The average number of layers on hand during July was 14.7 million, the same as last month and one percent less than the number on hand a year ago.

The average daily rate of lay was 63.9 eggs per 100 layers in July, compared with 65.8 in June and 65.0 a year ago

United States egg production during July was 5,455 million eggs, one percent more than June, but six percent less than last July's production. Layers on hand during July averaged 281.3 million, one percent less than the June average, and six percent less than a year ago The average rate of lay was the same as a year ago

Two Honored For 25 Years Service

Sperry New Holland Division of Sperry Rand Corporation is honoring two if its employees who have completed twenty-five years of service with the company this month.

Raymond H. Little, 325 Riverview 4 West, Great Falls, Montana, Field Serviceman at Branch 70; and Melvin D. Riker, New Holland RD2, Toolmaker A in the Toolroom.

NOTICE

AUCTIONEERS!

We print sale bills.

Call 394-3047 for price.

BUTLER ALL-STEEL FARM BUILDINGS

M. K. HOKE ESTATES
148 SO MAIN ST
Manheim, Pa
665-2266

FEEDER PIG SALE

600 HEAD

SATURDAY, SEPT. 1, 1973

One mile North of Goodville, East Earl Twp., Lancaster Co., Pa.

SALE NO. 1 1:00 P.M.

360 Head of York, Hampshire and Duroc Feeder Pigs

3 way Cross Breeding

All breeding stock used from Certified Boars.

ALSO 12 HEAD OPEN GILTS.

Terms by John J. Zeiset

SALE NO. 2 - 3:00 P.M.

240 Head of York, Hampshire and Duroc Feeder Pigs

Terms by Paul M. Zeiset

Information furnished day of sale or call 215-445-6298.

Elton Horning, Auctioneer

PUBLIC SALE

OF

HOUSEHOLD ITEMS and ANTIQUES

LOCATION: Near Christiana. Travel out W. Broad St. about ¾ mile, watch for arrow at MYERS LANE.

Wednesday Evening 6:30 Sharp

AUGUST 29, 1973

ANTIQUES include: old fashion dentist drill; old oak extension table; (2) piano stools (claw foot); cane chair; pair oak love seats; old pine bench; oak chest of drawers; record cabinet; oak drop-leaf table; plank chairs; small oak library table; (2) pot belly stoves; dressers; old Large Mirror; milk kettles; pump-tough; lantern; English saddle.

Sofa Bed (like new); (2) Bamboo reclining chairs; other reclining chairs; platform rocker; studio couch; double beds with mattresses; floor and table lamps; comforts; covers; 12 x 12 rug; throw rugs; pots; pans; skillets; dishes; set of fiesta ware; other kitchen wares; good metal desk; small cabinet desk; base cabinet; typewriter stand; Kelvinator Ref. (good); Admiral Ref.

Lawn and garden tools including rakes; hoe; water and sprinkling hose; fert. spreader; shovel; ½ ton chain hoist; deep well submersible pump.

Many items too numerous to mention.
Items for sale can be viewed afternoon of sale, all items to be moved same evening. Owners have moved out of state making sale necessary.

Sale by **Frank W. Myers**

Aucts.: **Diller & Kreider**

C. H. WOLGEMUTH & SONS

FALL FARM EQUIP. SALE

Wed., Sept. 12, 1973

AT 10:00 A.M.

Located: 4 Miles West of Manheim. Lancaster Co. Pa. Take Hossler Rd. to Valley Rd. Watch for sale signs.

SPECIALIZING IN FALL HARVESTING EQUIP.

TRACTORS—HARVESTERS—PICKERS

Large equip. of all kinds. Tools--Hardware etc. Cousin with Dry Goods.

Notice Bring in your equip. before Sale day. Open to receive goods from AUG. 29 TILL SALE DAY. Items brought in last will be sold last. Good used machinery is scarce and selling strong. Turn your surplus into cash. We sell on commission. If planning a fall sale, see me for rates and dates.
Sellers--Buyers--or Visitors--All invited.

LUNCH AVAILABLE--TERMS CASH--CLOSED SUNDAYS
FOR INFORMATION CALL
C. H. WOLGEMUTH, SALE MANAGER
PH. (717) 665-5664 MANHEIM, PA.

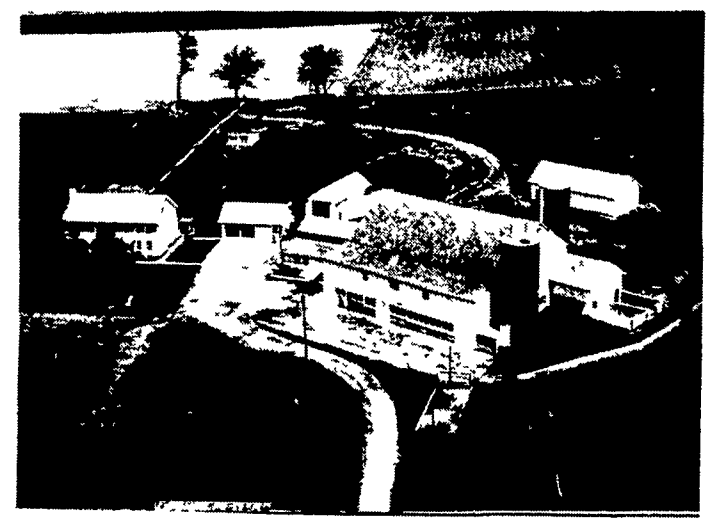
PUBLIC SALE

VALUABLE 114 ACRE LIMESTONE FARM

SATURDAY, SEPTEMBER 15, 1973

at 2 P.M.

Located in Heidelburg Twp. along Route 987, 1 mile West of Schaefferstown.



This is the actual picture of farm, beautiful all limestone farm house with 12 rooms, stone fireplace, house has two baths, at present is laid out for two families with 2 modern kitchens, 2 stairways, 2 outside entrances on south side, enclosed porch on north east and entrance for both sides, cellar under all of house, hardwood floors, Losch coal furnace with radiator vapor heat, 190 ft. never failing well, cement block 3 car garage with shop bench in front, 10,000 bu. potato cellar which can be used to store machinery, corn shed 50' by 24' with 4' crib on each side, 2 other corn cribs 45' long one 5' wide, other 6' wide, large barn facing south with 2 dens to drive in, set up for dairy, 3 rows stanchions for 45 cows, rest of barn in heifer pens, barn cleaner in good condition with new 5 HP motor, 2 barn fans, 1 on east side and 1 on west, cement barnyard, bull pen, milk house 16' by 16', double stainless steel wash tubs with stainless steel pipeline to dairy barn for dumping station, 600 gal. Unico milk tank, 2 tile silos, 1 14' by 43', 1 12' by 50', 52 gal. hot water heater, water softener for milk house and house, 280 gal. diesel fuel tank, electric pump with 20 amp meter, 200 amp double throw switch, 20 ft. grain auger used for coal conveyor in house cellar, macadam lane 3-10 of a mile, farm has 25 acres in good Alfalfa, 17 acres in permanent pasture, the rest in corn, this is a beautiful fertile limestone farm for dairy or beef cattle or has great building opportunities with public roads on three sides.

Inspection of farm Aug. 25-1 to 4 P.M., Sept. 1 and 8, 1 to 4 P.M. or by appointment. Call 949-3348 or 272-9757.

Condition of sale - 10 percent day of sale, settlement within 60 days after sale.

RAYMOND P. GIBBLE ESTATE

MARK W. HEISEY, Auctioneer
Egli, Walter, Reilly & Wolfson - attys. at law

Public Sales Register

SPECIAL FALL FEEDER SALES

Friday Evenings At 7:00
September 14 and 28
October 12 and 26
All-Charolais Show & Sale October 19
November 9 and 23

VINTAGE SALES STABLES INC.

Box 100, Paradise, Pa. Lancaster County
The Heart of Pennsylvania Steer Feeding Country
Anyone Wishing to Consign Cattle Telephone
Area Code 717-442-4181
KENNETH E. HERSHEY, MANAGER

PUBLIC SALE

of
REAL ESTATE, ANTIQUES
HOUSEHOLD GOODS, BUGGY
and PONY WAGON

• LABOR DAY •
Monday, September 3, '73
11:00 A.M.

Located along Donegal Springs Road, 2 miles northwest of Maytown, Pa., 1 mile west of Route 743.

48-ACRE FARM
More or Less.
Large Bank Barn w/Corn Barn attached and Feed Room, Steer Stables, Tobacco Shed hanges 8 acres, Two-car Garage, Approx. 400 ft. of road frontage.

2½-Story Frame Dwelling
10-room House w/Bath, Summer House w/Fireplace.
Open House for August 25, between 2 P.M. to 4:00 P.M.

This is a lovely location.
Real Estate to be offered at 2:00 P.M.

Sale by
MRS. GERTIE B. WASER

CARL R. HALLGREN, Atty.
HAROLD (Abe) SHAFFNER, 653-5689
C. H. WOLGEMUTH, Aucts.

PUBLIC AUCTION

DAIRY SALE
55 HEAD OF HOLSTEINS
THURSDAY NIGHT AUG. 30, 1973
Starting at 8:00 p.m. Sharp

SALE LOCATED 5 MILES NORTH OF ROUTE 222 ALONG 897, 2 MI. N. OF REINHOLDS

HERD DISPERSAL

This is the entire herd from Kenneth Kunkel, Berks Co. Including 37 cows and 10 first calf heifers This is the best herd we have ever had These cows are on D.H.I.A. with records up to 20,000 lbs. of milk with an average of 3.8 test There are 6 Kingpins and the balance are artificially bred cows. Three of the heifers are already fresh milking up to 60 lbs. Some of these cows milk up to 100 lbs. when fresh. These are definitely the right kind for either replacements or additions Will also have a load of top fresh and close cows. Be sure not to miss this sale

HEALTH CHARTS NITE OF SALE

RANDAL KLINE — AUCTIONEER
VERNON AND RAY KLINE — OWNERS
Phone Area Code (215) 267-2368 or 267-2298
Not Responsible for Accidents
Refreshment Stand

(Continued From Page 32)

miles West of Troy, Pa., Bradford Co. on the Porter Road. Sale by D O Rockwell, Owner, Troy, Pa. Carl Diller and Everett Kreider, Auctioneers

SAT. SEPT. 1 - 10 A.M. Public Sale of Real Estate, Farm Machinery, Purebred Hogs, Growing Corn, Feed, Hay, Straw, Household Goods and Antiques. Located approx. 1½ miles west off old Rt. 111 (Susquehanna Trail), turning at Albrights Trailer Court, along Glen Valley Rd., only minutes from Exit 2 (Glen Rock Exit) of Rt 83 Expressway in Shrewsbury Twp, York Co., Pa. Watch for arrow leading to sale. Terms by Mr & Mrs Richard Boyd, Glen Rock, RD1, Pa..; Robert L Sechrist, Auctioneer

ROCKWELL'S Livestock

"Harvest Special Dairy Cattle Auction"

LOCATION—3 miles West of Troy, Pa, Bradford Co on the Porter Road

FRIDAY,
AUGUST 31, 1973
AT 1 00 O'CLOCK

70 HEAD SIRE POWER &
CANADIAN BRED HOLSTEINS 70

37 Registered 33 Grades

Consisting of young cows and first calf heifers Fresh, close springers September and October freshening animals

10 Registered heifer calves sell by Sire Power Sires

DHIA RECORDS INTERSTATE TESTED
CHARTS SALE DAY

NOTE Mr Farmer if you are in need of choice dairy animals with type and production attend this auction as we have selected the best from Sire Power and Canadian Sires

You are welcome to inspect these animals anytime prior to sale date

TERMS CASH OR GOOD CHECK SALE DAY

D. O. ROCKWELL, Owner
Troy, Pa. Phone 717-297-3460

CARL DILLER & EVERETT KREIDER, Auctioneers
JEFF WARNER, Clerk

PUBLIC SALE

OF

DAIRY CATTLE

Location: 2 miles southwest of New London. Take Rte. 896 East from Rte. 1 bypass. From New London take State Rd. to Kirks Mill Road, follow sale arrows. New London Twp., Chester County.

FRIDAY, SEPT. 7, 1973
11:00 A.M.

COMPLETE MILKING HERD DISPERSAL

90 GRADE HOLSTEIN DAIRY CATTLE 90

2/3 of herd home raised
App. 30 due from Aug 1 till Dec. 30
Last 3 yr. DHIA Average 11,876M 438F
One milking per testing
Years of Ivanhoe's sons breeding (home bull)
Cows in herd have milked to 90 lb. per day
TB and Bangs Cert 30 day chart
Sale in tent

DAIRY EQUIPMENT

800 gal. Mojonnier milk tank
2 yr. old compressor with unicons
Kasco dumping station with 100 ft of glass pipeline
Auto. wash pipeline and teat cups
De Laval #77 compressor with 2 hp. motor
De Laval #75 compressor
6 unit De Laval milkers (New Type)
S S. double tubs, 2 Stewart Clippers (1 new type)
80 cow trainers, 2 rubber tired silage carts.

New Holland 818 two row self propelled chopper (good shape) wide row head, IHC #45 blower, IHC 6 ft. cut away disc, IHC #5 flail chopper, 5 Koyker plow coulters (heavy duty.)

TERMS BY
Lester Bros.
215-869-9294
215-869-2265

Kreider & Diller, Aucts.

Lunch furnished

SAT, SEPT. 1 and MON SEPT. 3 - 10:00 A M both days Public Sale of Valuable Real Estate, Household Goods, lot of fine Antiques, Tools, (3 generations Collection) at the home of the late R L Rlankenhorn, 127 S Main St, Muncy, Pa Lyc Co Sale by Robert E Plankenhorn, owner, Max Fraley, Muncy, Pa, Auctioneer.

SAT SEPT. 1 - 1.00 P.M Sale of 600 Feeder Pigs, three way cross located at the farms of John J. Zeiset and Paul M Zeiset north of Goodville, Pa. East Earl Twp Elton Horning, Auctioneer

SAT SEPT 2 - 9 30 A M EDST Public Sale of Real Estate and Household Goods located along Rte 322 in Hinkletown Large lot with 3 buildings 2½ story frame dwelling, 1½ story frame dwelling, 2 story frame barn with 3 car garage Terms by Aaron and Anna Hors.: Robert E Martin and Frank L Steller, Auctioneers, Wentz and Weaver, attys

MON SEPT 3 - 11 A M Public Sale of Real Estate, Antiques, Household Goods, Buggy and Pony Wagon located along Donegal Springs Road, 2 miles northwest of Maytown, Pa, 1 mile west of Route 743 Sale by Mrs Gertie B Waser; Harold (Abe) Shaffner and C. H Wolgemuth, Auctioneers

THURS SEPT 6 - 11 A.M. Prompt Fawn Meadow Farm Holstein Milking Herd and Bred Heifer Dispersal located in York Co, 13 miles east of Interstate 83 at Pa. Exit No 1. "Shrewsbury", East on Route 851 to Fawn Grove, Pa. then north 2 miles to Walnut Grove Road, first farm. John P Wilcox, owner, RD1, New Park, Pa 17352. Sale Managers Sechrist Sales Co., Robert L Sechrist, Prop., Fawn Grove, Pa.

FRI. SEPT 7 - 11:00 A.M. 108 Registered Guernseys in the Onahill Farm Complete Dispersal at the farm - Bordentown, New Jersey. Sale by Wm Von Thaden, owner, Bordentown, New Jersey. Sale managed by The Merryman Company, Sparks, Maryland

FRI. EVE. SEPT. 7 - 7 P.M Public Auction of Valuable Real Estate located south of Route 30 from the East end of Mountville along Hershey Mill Road, Manor Twp., Lancaster Co., Pa. Sale by Fannie G. Sheaffer and National Central Bank, co-executors of Abram R. Sheaffer, Estate. Abe Diffenbach, Auctioneer.

FRI SEPT. 7 - 9:30 A.M. All Day Consignment Sale on North Maple Avenue, Leola, ½ mile North of Route 23, watch for sale sign. Sale by David H Good; Frank and Paul Snyder, and Robert E Martin, Auctioneers

FRI. SEPT 7 - 11 A.M Public Sale of Dairy Cattle located 2 miles southwest of New London. Take Rte 896 East from Rte. 1 bypass. From New London take State Road to Kirks Mill Road, follow sale arrows, New London Tep, Chester County. Terms by Lester Bros., Kreider and Diller, Auctioneers

(Continued On Page 34)

LLOYD H. KREIDER
AUCTIONEER
and
SALES MANAGER
330 West State St
Box 2 RD1
Quarryville, Pa 17566
Ph 786-3394

Public Sales Register

(Continued From Page 33)

SAT SEPT. 8 - 10 30 A.M. 92 Hol. Cows and Heifers, 8 Int. Tractors and full line Farm Machinery, Household Goods. Sale by John Cannon, Estate at Centreville, Md H. Rudnick and Sons, Auctioneers.

SAT SEPT. 8 - 9 A.M. Important Auction at Romig Orchards Farm Machinery, Trucks, Orchard Equipment, Household Goods and Antiques located off Route 30 at Downingtown National Bank, East on Route 322, 1 mile to Bradford Ave. West 1 mile to Glenside Ave West 1 mile to Romig Road, West Bradford Twp , Chester Co , Pa Watch for sale signs on Route 322. Terms by The Estate of Calvin S. Romig and John F. Romig by the order of Robert T. Romig and Ruth Romig Constable; William March, Jr. Auctioneer, Elverson, Pa.

WED. SEPT. 12 - 10 A.M. C.H. Wolgemuth & Sons Fall Farm Equip. Sale located 4 miles West of Manheim, Lancaster Co. Pa. Take Hossler Road to Valley Road Watch for sale signs. Terms by C. H. Wolgemuth.

THURS. SEPT. 13 - 10 A.M. Public Sale of Farm Equipment, Household Goods, and Antiques located at 1902 Millport Road, ¼ mile South of Rte. 30, turn on Strasburg Road. Terms by Harry H. Nissley and Reba B. Nissly; Frank L. Steller and Robert E. Martin, Auctioneers.

THURS. SEPT. 13 - 10:00 A.M. Public Sale of Farm Equipment, Household Goods and Antiques located at 1902 Millport Road, one-forth mile south of Route 30, turn on Strasburg Road. Terms by Harry H. Nissly and Reba E. Nissly; Robert E. Martin and Frank L. Steller, Auctioneers.

SAT. SEPT. 15 - 9:30 A.M. Public Sale of Valuable Real Estate. Antiques and Household Goods located on the corner of Route 24 and the road from Olphins Garage to Cross Roads, approx. midway between Red Lion and Stewartstown near Wintertown, in York County, Pa. Sale by Ella and Thomas A. Miller. Robert L. Sechrist, Auctioneer. Luther Miller and Son, Clerks.

SAT. SEPT. 15 - 2 P.M. Raymond P. Gibble Estate valuable 114 acre limestone farm, beautiful all limestone 12 room farm house located in Heidelberg Twp. along Rte. 897, 1 mile west of Schaef-

(Continued On Page 35)

QUALITY DAIRY CATTLE FOR SALE

BLACK and WHITE HOLSTEIN FARMS

2220 Dairy Road Lancaster, Penna.

100 HEAD **REGISTERED & GRADE HOLSTEINS** 100 HEAD

On hand at all times

CANADIAN—WISCONSIN—MINNESOTA

All cattle hand picked for type, conformation and perfect udder development, most of them with good production and B.F. records NOTE: Will deliver from 4 head to a carload subject to your approval to your farm at anytime.

Pennsylvania's Largest Sales Pavilion

Dairy Cattle Auction Sale 3rd Friday Night Every Month

CHARLES C. MYERS, Owner. Phone 717-569-2106 717-569-6800

Park Myers, Sales Mgr. Private Sales Daily

WENGER'S LARGE SELECTION OF FARM TRACTORS

TRACTORS TRACTORS

stock number	make & model	gas or diesel	power steering	wide front	3 point	attachments	comments	price
21731	Case 1090	D	X	X	X		1100 hours	8500
22157	Ford 5000	D	X	X	X	weights	2000 hours	4500
22416	J.D. 420	G		X	X	weights-row cultivator		1250
21625	Ford 4000	G	X	X	X		1500 hours	3950
22100	Farmall M	G				weights		1000
22452	J. D. A	G	X					875
18938	Farmall M	G				NI 2 row mta. super picker		1750
20833	Farmall SM	G				2MH Int cornpicker		1750
21058	Farmall M	G				NI 2 row mta. super picker		1975
19408	Oliver 1850	D	X		X			4750
22552	Farmall M	G						775
22176	J.D. 2510	D	X	X	X	As is	1900 hours	3250
20699	Case 930	D	X	X				2650
22158	Ford 4000	D	X	X	X		1600 hours	3950
21172	J.D. 3010	G	X		X		new tires	2589
21797	MF 180	D	X	X	X			3950
22185	Farmall M	G				weights		1000
21781	Case 1030K	D	X	X	X		1300 hours	4800
21573	Oliver 2150	D	X	X	X	cab-fender tanks	1300 hours	8000
21421	J.D. 4010	L P	X	X	X	weights		3085
22354	Farmall 856	D	X	X	X	weights-cab	1700 hours	7950
22386	Cub 154	G		X		Rotary mower		1750
22499	MF 85	D	X	X	X			1275
22584	J. D. M	G		X		Hyd. hitch		875
22603	A.C. D17	G	X	X	SC	Hyd. hitch pulley		1950
22609	J.D. 3010	D	X	X	X	weights		3250
22626	Ford 5000	D	X	X	X	weights		4000
22636	Ford 8N	G		X	X			875
19694	A C. D17	G	X		SC	weights		1935
20425	Oliver 1650	D	X	X	X	weights	2400 hours	3250
19880	J.D. 4020	D	X		X			4500
19319	D.B. 1200	D	X	X	X		1200 hours	3450
19257	J.D. 2510	G	X	X	X		1000 hours	3700
21662	J.D. 1010	G		X	X	weights	1600 hours	1345
22180	Case 770	D	X	X	X		Brand new	7250
22174	Int. 544	D	X	X	X		1400 hours	3850
22175	J.D 3020	D	X	X	X	weights	exc. rubber	3975
22097	Case 730 CK	D	X	X	X	bumper	2700 hours	2750
20254	M F. 165	G	X	X	X		2200 hours	2950
21742	M F. 65	D	X	X	X	weights		2500
21361	A.C. 190XT	D	X	X	X			4600
21415	J.D 3020	D	X	X	X	weights		4500
21669	A C. 180	D	X	X	X	weights	1300 hours	5400
22095	Int. 656	G	X	X	X	weights-Int. 2000 loader		4200

COMBINES

CORN HEADS

21 Flail choppers on stock

If you don't like our prices make a reasonable offer

WENGER'S FARM MACHINERY INC.

Hay Rakes and Mow-ditioners

FARM IMPLEMENTS

SOUTH RACE ST MYERSTOWN PA PHONE 717-866 2138

ALL DAY

CONSIGNMENT SALE

FRIDAY, SEPT. 7, 1973 9:30 A.M.

on North Maple Avenue, Leola, ½ mile North of Route 23, watch for sale sign.

Variety of Tractors, Farm Machinery, Horse Drawn Implements, Lumber, New Hardware and Tools, etc.

We have buyers for hay and straw.

Frank & Paul Snyder
Robert E. Martin, Aucts.

SALE BY
DAVID H. GOOD

Next sale Friday, Oct. 5th.

Not responsible for accidents.

Public Sales Register

(Continued From Page 34)

ferstown, Pa. Mark W. Heisey, Auctioneer.

FRI. SEPT. 21 - 8 P.M. Dairy cow Sale of 65 to 70 head at the Black and White Holstein Farm, Lancaster, Pa. across from the Comet Drive-in-Theatre or ¼ mile west of breeding Unit. Sale by Charles C. Myers, owner; Abe Diffenbach, Auctioneer.

SAT. SEPT. 22 - 1:00 P.M. Public Auction of 48 acre farm located between Ephrata and Lititz, just outside of Rothsville, along Newport Road, Warwick Township, Lancaster County, Pa. Sale by Edwin M. and Anna W. Hoover, Lititz RD4; John E. and Paul E. Martin, Auctioneers.

SAT. SEPT. 29 - 11 A.M. Public Sale of Real Estate and Household Goods. Location - Take Furnis Road from Georgetown and go 2 miles West to Mt. Pleasant Road and go south to sale, Bart Twp. Terms by Chester and Pearl Aulthouse, Ralph W. Eby Jr. Atty. Kreider and Diller Auctioneers.

SAT. OCT. 6 - 2 P.M. Public Sale of Valuable Limestone Farm located in South Lebanon Twp. along Cornwall and Schaefferstown Rd. Route 419. 1 mile west of Alco Plant. Sale by Mrs. Paul M. Binner. Mark W. Heisey, Auctioneer.

SAT. OCT. 6 - 2 P.M. Public Sale of Valuable Limestone Farm of 104 acres and 52 Perches, Macadam Road frontage on two sides. Sale by Mrs. Paul M. Binner, located in South Lebanon Twp., Lebanon Co. along Cornwall to Schaefferstown Road, Route 419, 1 mile west of Alcoa Plant. Mark W. Heisey, Auctioneer.

SAT. NOV. 24 - 11 A.M. Public Sale of Valuable Farm Machinery, Orchard Equipment and Supplies at Dietz Orchards, RD12, Hellam Branch, near Yorkana, Penna. Terms by J. B. Dietz; Jacob A. Gilbert, Auctioneer.

WENGER'S LARGE SELECTION OF FARM TRACTORS

TRACTORS TRACTORS

stock number	make & model	gas or diesel	power steering	wide front	3 point	attachments	comments	price
21552	Oliver 1855	D	X	X	X		800 hours	7250
21626	Case 1170	D	X	X	X		700 hours	9500
21517	M.F. 165	D	X	X	X			3000
21610	Oliver 1855	D	X	X	X		1700 hours	7250
21553	Oliver 1750	D	X	X	X	weights-cab	2100 hours	5950
21602	Farmall M	G						950
21425	Case 1030 CK	D	X	X	X	weights		5250
21588	J.D. 4010	D	X	X	X	turbo-charger		3930
21074	J.D. 5020	D	X	X	X	weights	1700 hours	8500
21298	J.D. 3010	G	X		X		2500 hours	2796
22085	A.C. D17	D	X	X	X	weights	series IV	3135
21574	Oliver 1950 GM	D	X	X	X	weights-cab	2000 hours	6350
21732	J.D. 1020	G		X	X		2300 hours	3450
21578	Farmall 340	G	X		FH	weights	1500 hours	1575
21591	Farmall 450	G	X	X				1750
21663	J.D. 4020	D	X	X	X		2000 hours	7500
22399	Ford 901	D	X		X			750
21609	Oliver 1855	D	X	X	X		1400 hours	7250
21185	Farmall 450	D	X		F H	weights		1660
21315	M.F. 1100	D	X	X	X	weights	1200 hours	4950
21061	Int. 4100	D	X	X	X	weights-cab 4 wheel drive	1800 hours	11600
21627	Oliver 1950T	D	X	X	X	fender tanks		5750
22177	A.C. 180	G	X	X	X	weights	1400 hours	5225
20429	M.F. 175	D	X	X	X		2500 hours	3500
19457	M.H. 44	G				318 Crysler V8	new tires	1650
21143	J.D. 3010	G	X		X	weights	1400 hours	2884
21741	J.D. 2510	D	X		X		1000 hours	3355
21730	Ford 3000	G		X	X	Dearborn snow plow	1600 hours	3250
22345	J.D. B	G				Cultivator		495
22568	Farmall SM	G				Int. 1701 Ldr.	weights	1075
20901	Oliver 1855	D	X	X	X		1000 hours	7250
21589	Int. 656	G	X	X	X	weights	2400 hours	3800
21465	MF 1130	D	X	X	X	weights		5950
21352	A.C. D10	D	X	X	X			2910
22380	Farmall H	G				like new tires	975	850
22132	A.C. 170	G	X	X	X	tire chains bumper	400 hours	4950
20655	A.C. D15	G	X	X	X		exc. rubber	2235
21359	Case 930 CK	D	X	X				2950
21467	J.D. 4020	D	X	X	X	turbo charger	completely	6000
22691	Case 830	D	X	X	X	duals, cab	excellent	4000
22706	A.C. D17	G	X	X	X	good condition		1950

COMBINES

CORN HEADS

21 Flail choppers on stock

If you don't like our prices make a reasonable offer

WENGER'S FARM MACHINERY INC.

Hay Rakes and Mow-ditioners

FARM IMPLEMENTS

SOUTH RACE ST., MYERSTOWN PA

PHONE 717-866-2138

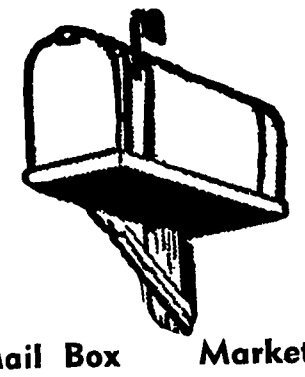
Larry Reinhart, who will serve as manager of the Buck Office of The First National Bank of Strasburg, takes hammer in hand to install a street sign by the bank while William W. Musser, Bank President, assists. The newly constructed street, intersecting Buck Road, has been named Friendly Drive in honor of The First National Bank of Strasburg, well known in Lancaster County as the "Friendly First".

Help Us Serve You

Don't assume we know about your farm organization's meeting To get your meeting on our Farm Calendar, it's safer to assume we don't know

Remind us by calling 394-3047 or 626-2191 or by writing to Lancaster Farming 22 E Main St , Lititz, Pa. 17543 You'll be helping us to serve you better.

P S — If you're not sure you told us already, we don't mind hearing from you again



Mail Box Market

Wanted - Red & White Holstein bull calf with good background. When writing state bloodlines, age, price and dam's record. Benuel S. Fisher, N. Cherry Lane, Ronks.

Wanted - 1 or 2 new born bull calves from a meat breed or dairy-meat cross. Phone 717-285-5296

For Sale - Late Spring Lamb, Suffolk-Hampshire Cross; Ram, weights app. 70 lb. Phone 626-7652

For Sale - (2) New Holland grain dryers model 765, capacity 585 bushels, 1 PTO, 1 electric. Phone 215-486-0972

Apartment for rent. 5 rooms and bath. Would like man to earn his rent by helping with farm chores mornings before regular work. Phone 898-7460

For Sale - 1 Myers and 1 Fairbanks Morris working head pump jack. Adam M. Miller, RD5, Box 141, Dover, Del. 19901

For Sale - False end gate silage wagon; 1½ ton feed mixer; Leeds portable power take off plate mill with swivel auger. Phone 733-8770

For Sale - 18,000 tobacco lath $2.50 per hundred. Also 100 bushel of Rye. Phone 367-2567

For Sale - No. 9 Mc. Silage cutter, good condition with pipe. Christ S. Miller, RD1, Paradise, Pa.

For Sale - Fairbanks Morse platform scale, like new. Call 354-5360

Mail Box Market

For Sale - Allis Chalmers self unloading Forage Box with 601 wagon. Phone 717-786-3437

For Sale - 2 bred Yorkshire Sows, 2nd litter due Sept , Phone 717-862-3419, RD1, Airville, Pa.

For Sale - Fat Angus steers ready for custom butchering, will deliver, Lititz area. Phone 626-4359

For Sale - Seed Rye. Phone Mount Joy 653-5359

For Sale - McCormick Deering corn binder with loader and engine mounts, good condition. David Z. Beiler, RD1 Ronks, 1¾ miles Northwest of Intercourse along Pond Road

Wanted to Biy - Used 9" silo pipe. Phone 354-0266

For Sale - No. 602 Ford corn picker, 2 row mounted, used 2 seasons, no custom work. Phone Manheim 665-4239

For Sale - One 45 lb. DeLaval milker with electric pulsator $45. Also three 50 lb. surge milkers complete with Jet Flo inflations and accessories. Elmer F. Fisher, Ronks RD1, Pond Road

Wanted - Barns, sheds or other buildings to be renovated for materials. Joseph S. Fisher, Ronks RD1, Pa. 17572 along Route 30.

For Sale - Little Giant 6" auger, 52 ft long, PTO. Phone 354-9368

For Sale - Your choice of top quality Shropshire ram lambs and several ewe lambs at reasonable prices. Paul Eberly, Kleinfeltersville, Pa. Phone 717-949-3653

For Sale - 6 weeks old Siamese kittens. Hand carved logs. Stephen U. Stoltzfus, Gap RD2, Box 366, along Rt. 897, 1 mile North of Gap.

FREE

Subscribers to Lancaster Farming will receive one advertisement Free each month in our Mail Box Market Subscribers using the Mail Box Market will be governed by the following rules

Limit your advertisement to 25 words. All advertisements must be in our hands by Thursday noon or same will be held over for next week's paper No business advertisements accepted.

Mail Box Market

Custom Silo Filling, wide or narrow rows. Phone 665-5855

For Sale· One year old Penn State Stardust Son, from a very good dam with over 15,000 of milk as a two year old. PH: 215-932-2934

For Sale - 14 bu. Redcoat seed wheat, cleaned and treated, certified seed last year. Apply to Mahlon M. Sauder, RD1, Leola, Pa. 17540, ½ mile South of Talmage

For Sale - Feeder Pigs. L. E. Hoover, 30 Hoover Lane, Leola, Pa. 656-7381

Turkey houses and Parches free any way wish. Harry Lamparter, Mountville,Pa. Phone 285-4541

For Sale - New Holland 616 Harvester and Blower, 50 ft. silo pipe. One row New Idea corn picker Gerald Mantell, Lanchester Farm, Narvon RD2, Pa. Phone 215-273-3236

For Sale - John Deere number 6 chopper, both heads, good condition, make offer. Phone 215-932-8382

CALL Elmer Beiler

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LAWN-BOY®
$9.95 VALUE!
FREE
Leaf Shredder/ Mulcher with the purchase of a LAWN-BOY Solid State Ignition Lawn Mower
$9.95 Value!
• Leaf Shredder/ Mulcher shreds leaves . . . condenses more into each bag!
• Easily installed!
DURING SEPTEMBER and OCTOBER ONLY!

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1974 Lawn-Boy Solid State means sure starts. Virtually ends tune-ups. Mower has light fingertip adjustment for cutting height, bag attachment and starting. Let us demonstrate . . .

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EARLY DISCOUNT on Lancaster Silo and Unloaders.Ryder Barn Equipment

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New SP International Combines
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550 - 5 Bottom Plow.

New Idea Uni-System Model 702 Power Unit with V6 engine 18.4 x 26 tires and combine attachment.
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Round Fence Posts with Knobs	55c each
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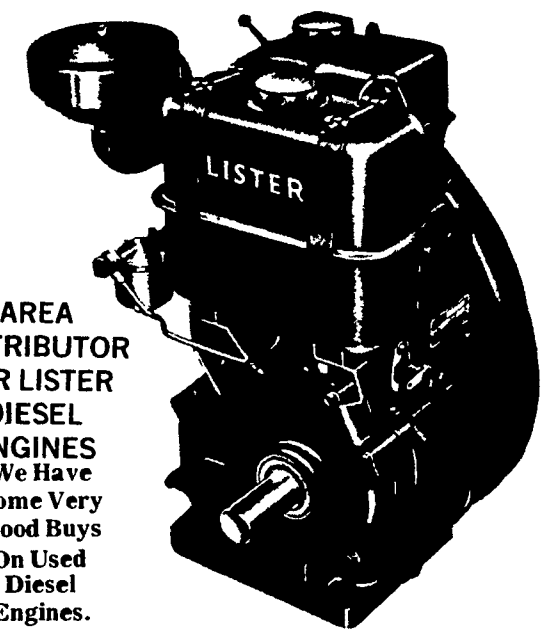

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For Sale - 1 double tobacco ladder 20 ft. made to take apart. 10,000 tobacco lath; 1 Duo-Therm space heater; Minnich tobacco press; portable hog loading shute. Phone 653-5126

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For Sale - 3 year old Chestnut riding and driving horse; 4 year old pleasure horse; 2 year old Reg. Thoroughbred stallion; 6 year old Palamino. B. C. Brubaker, Columbia RD2, Pa. 17512

(Continued On Page 40)

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SAVE 10%

Early Order Savings on famous Stark Bro's quality trees and plants. Applies to all Fall and Spring orders placed before Sept. 1.

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I need Purebred and extra cute mixed breeds in litter lots, 7 to 10 week old. Must be clean and healthy. Contact Pup Man at Root's Farmers Market, RD1 Manheim, Pa. Every Tuesday 4 P.M. to 8 P.M. No Phone Calls.

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Christian family wanted to operate 90 cow dairy farm. Interest in future management. Good salary and newly remodeled home. LO-Glen-Drey Farm, RD1, Box 277, Windsor, Pa. 17366.

ABLE TO WORK A FEW EVENINGS A WEEK??? Earn $40.00 a night demonstrating toys and gifts from now until November. No investment - No experience - No delivering - No collecting - No paperwork - "NO CUSTOMERS' SERVICE CHARGES" - Car necessary. Call 665-4435 or write Toy Ladies Party Plan, Johnstown, Pa. 15904.

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Use your farm skills with us. We need help with slaughtering and general labor in our new plant.

Call Mr. Carlson
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Lancaster, Penna.

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Yorkshire service age boars. 20 Yorkshire Open Gilts.
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Lebanon, Pa. 17042
Ph: 717-273-5880

Wanted - Used chicken nests, small or large lot. Also wanted baby calves and pigs, any number. Call Hop or Sam 215-286-5440 or write 614 Yale Road, Bala Cynwyd, Pa. 19004.

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Purebred Duroc Boars, born March 1973. Purebred Spotted Poland Boars, born March 1973. Alvin M. Lapp, Gap RD1, on Buena Vista Road.

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Breeders, Inc., John Alleman,

Wants to Buy - Registered Holstein Heifer Calves. Phone 872-4058

Registered Hampshire and Yorkshire Boars, Breeding age and pigs.
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Wanted - Holstein Heifers which will calf within 12 weeks. Sound young cows which will calf within 8 weeks.
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Mount Joy, Pa.
Phone Office 653-4851
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FOR SALE

70 acre farm near Rt. 422 in eastern Lebanon County area. Stone home and stone barn. Large stream and meadow. Suitable for steers or dairy. Secluded but within a few miles of Myerstown. $1400 per acre.

H. EUGENE KELLER,
REAL ESTATE

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or Salesman
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Valuable 54 acre limestone farm, Colerain Twp. along Noble Road between Bartville and Kirkwood. Frame house, never failing drilled well. 2 bank barns, 1 a new 30 stall dairy barn, milk house, 2 concrete stave silos, room to hang 10 acres tobacco, large chicken house used for Tenderloin calf program. Stephen Stoltzfus, Kirkwood, Pa. Box 210, 17536

Real Estate-Along Bartville Road, 8½ acres, mostly meadow A remodeled 9 room dwelling, a new dairy barn for 32 cows, milk house, silo, a good water supply. Stephen F. Stoltzfus, Kirkwood, Pa. Box 210, 17536

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246 Acres—120 tillable, dairy pipeline, 2 silos, bunk feeder $115,000. Can buy 100 head and equipment.
260 Acres—111 tillable, beef, 12 x 60 silo, 50 x 80 barn, 2 story brick house, $130,000.
160 Acres—130 tillable, beef, big 2 story brick house. Large barn and loofing area, $100,000.
Others not listed.

PHONE 814-623-1159
C. A. BRANDT REAL ESTATE
Mt. Rt. 21 Bedford, Pa.

REAL ESTATE AUCTION

Location - On Rt. 414 just west of Ogdensburg, Pa., Union Twp., Tioga, Pa.

SATURDAY, SEPT. 1, 1:00 P.M.

This land is being sold to settle the Franklin Schmelzle Estate. It consists of approximately 47 acres, 10 of which are cleared farm land, balance wooded. It is located in an excellent hunting area. Also sight for nice body of water in back portion of farm. Road frontage off 414, an old house, drilled well, electricity, etc. Tour of property at 10:30 A.M. day of Sale. This will be sold to highest bidder without reserve.

Terms 10 percent down day of sale, balance on receipt of deed within 30 days.

Administrator
ELLIS SCHMELZLE
R. D. 2
Roaring Branch, Pa.
717-673-5085

Auctioneer - Tom Young, Troy, Pa.
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A-FRAME COTTAGE — shell built by local contractor, plenty of options. 15 miles off interstate 80. Secluded, $9,100.

46 ACRES OF WOODLAND — near Muncy, Pa. selling at $20,000 Phone our office for details.

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160 ACRE DAIRY FARM — near Mifflinburg, Pa. 7 bedroom home with 34' x 68' barn and 40' x 300' poultry house, 17,000 capacity. $105,000.

55 ACRE FARM — with 4 bedroom home, 37' x 90' barn and pig pen. $68,000.

113 ACRE FARM — with 4 bedroom home, 50' x 90' barn and 24' x 72' silo. $73,000.

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102 ACRE FARM — with 3 bedroom home and 3 bedroom tenant home. 77' x 78' barn. $80,000.

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Chester B. Stoltzfus, R.E.S.	649-5321
Craig R. Hort, R.E.S.	275-4853
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MOVE IN TO A GOING OPERATION; TAKE OVER AS SOON AS SETTLEMENT CAN BE ARRANGED.

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250 ACRES: Milking parlor, loose housing, 59 head Holstein cattle, 2 sets of buildings, exceptional line of farm equipment. Excellent crops Occupy immediately. Priced at **$192,000.**

PERRY COUNTY: 150 acres. 52 dairy stalls, 20 x 60 Harvestore (filled), 82 head of registered and grade Holsteins Nice 8 room farm house. Farm, stock, equipment, and crops for **$190,000.**

LANCASTER COUNTY

110 ACRES: 9 room farm house overlooking ½ acre pond and stream. Large bank barn, 3 car garage. Owner using soil conversation practices. Farm well maintained. Present owner retiring Priced at **$215,000.**

63 ACRES: Excellent limestone soil. Beautiful 12 room brick home adjacent to expressway and Village. Excellent potential for future development

PERRY COUNTY: 200 acres. New 103 free stall barn. Double six milking parlor 4 silos. Older barn for young stock. Excellent land. Lovely stream Modern farm home Priced at **$220,000.**

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NEW IDEA UNI SYSTEMS - 702 diesel with cab, 729A sheller and 4 row head used 1 season like new, 702 with 2 row harvester, 701 with cab and combine, 701 with cab and husking unit, extra units 729A sheller and 4 row head like new.

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New Holland 1033 Stakliner Bale wagon like new.

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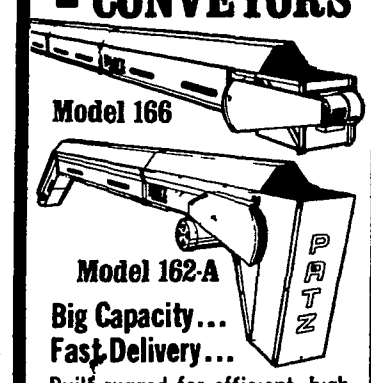

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For Sale - 701 Uni-System with corn picking attachments, 721 corn head, 726 husking bed, unitractor has Chev. motor and cab. This equipment is new and has not been used. Phone 717-285-5344.

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Bins are 2000 to 5000 bu. capacity, immediately available. A few left.
Four-inch and six inch augers in stock.
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Used Dunham 12 ft Culti-Mulcher.
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Oliver Grain Drill. Late Model
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555 Windrower Case
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New 5 ton Grove wagon on rubber
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USED JOHN DEERE TRACTORS
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One IH one row 1 PR picker
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WHITE MOUNTAIN CROSS BROILER
STARTED PULLETS, 20 WEEKS
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150 Nov 5	1000 Dec 10
900 Nov 12	1200 Jan 15

1,000 Sex-Sal Pullets for sale at 8 weeks Aug. 20
Wanted - Housing for heavy type breeders Buildings must be insulated, 5,000 sq ft or over Call 717-367-1545

Kutztown Fair Winners Named

Dairy, sheep and swine competitions were held early this week at the Kutztown Fair. In the dairy show, grand and reserve champions were the same for both the junior and open shows in all breeds except Milking Shorthorns. Grand and reserve grand winners, by breed, were:

Ayrshire - Kenard Henley. III. Cochranville, Sharon Henley, Cochranville.

Brown Swiss - David Nolan, Birchrunville, grand and reserve.

Guernsey - Marlin Dietrich, Kutztown; Douglas Soliday, Berneville.

Holstein - Nelson Troutman, Richland; Karen Sattazahn, Womelsdorf.

Jersey - Mark Wessner, Hamburg; Ernest Wessner, Hamburg.

Milking Shorthorns (open division) - Pines Edge Farms, Shoemakersville; Samuel E. Yoder, Shoemakersville.

Milking Shorthorns (junior division) - Samuel Yoder, grand and reserve.

Susan Seidel was the champion showman for the dairy contest, while Robert Nolan took fitting honors.

Grand and reserve champion winners in the sheep contests, by breeds were:

Cheviot - Lorah Hopkins, Oley, grand and reserve.

Dorset - Darlene Klahold, Berneville; Sherril Klahold, Berneville.

Hampshire - Michael Paulson, Berneville; Lisa Berger, Reading.

Suffolk - David Ernst, Sinking Spring; Gail Schervner, Boyertown.

The champion showman for the sheep competition was Lorah Hopkins, while Jenny Hopkins was reserve. Fitting honors went to Gail Schervner, champion, and Darlene Klahold, reserve.

In the breeding swine show grand and reserve winners by breed, were:

Chester White - Elton Muth, Alburtis, grand and reserve.

Duroc - Lynne Lazarus, White Hall, grand and reserve.

Poland China - Elton Muth, grand and reserve.

Yorkshire - Lynne Lazarus, grand and reserve.

Landrace - Ronald Werley, Fleetwood, grand and reserve.

Champion showman honors went to Lynne Lazarus, while the champion fitter was Cynthia Schick, Kutztown.

Lynne Lazarus also showed the champion market barrow. Scott Turn, Kempton, showed the reserve animal.

Champion fitter honors in the dairy show at the Kutztown Fair this week went to Robert Nolan, left. He is the son of Mr. and Mrs. Robert W. Nolan, Buttonwood Farm, Birchrunville, and is a freshman at Owen J. Roberts High School. Susan Seidel took the champion showmanship honors. She is the daughter of Mr. and Mrs. Raymond Seidel, Walnut St., Richland, and is a student at Elco High School.

Final Results from Lebanon Co. Fair

Final results from all Lebanon County Fair competitions were learned too late to be included in last week's Lancaster Farming. Winners in the various categories not covered last week are listed below. Names are given in the order of placing.

FFA Dairy Judging - Dale Maulfair, Jonestown RD1, Northern Lebanon FFA; Donald Reist, Lebanon RD1, Cedar Crest; Dean Hoover, Annville-Cleona FFA; Richard Krall, Lebanon RD1, Cedar Crest; Carl Weaver, Myerstown RD2, Elco.

4-H Dairy Judging - Jay Bomgardner, Annville RD3; David Smith, Annville RD1; Jay Kreider, Palmyra RD2; Dale Smith, Annville RD2; Barry Donmoyer, Annville RD2.

FFA Livestock Judging - Gene Hoover, Dale Maulfair and Richard Krall.

4-H Livestock Judging - Donald Bollinger, Myerstown, Jay Bomgardner and Dale Smith.

4-H Talent Contest (Groups) - Norsolebco, Avon-East, and Elcoettes.

4-H Talent Contest (Individuals) - Connie McSeaters, Annville RD3, Debra Snyder, Jonestown RD1, and Lorah Layser, Myerstown RD1.

Mail Box Market

(Continued From Page 37)

For Sale - New Holland Super 23 Hopper Blower, new condition, make offer. Phone 215-286-9391

For Sale - 8 can milk cooler, good condition. Phone 872-5850

For Sale - 14 x 40 wooden silo. Phone 299-0050

For Sale - Small Chihuahua Fox Terrier pups. Sol K. Beiler, Bird-in-Hand RD1, 1½ mile north of Leacock

For Sale - 3 fresh, 20 bred Holstein Heifers, due Sept, Oct. Nov. Bill Windle, Phone 215-593-6143

For Sale - 2 bedroom mobile home. Good Condition. $2,000. L. W. Lester. Phone 869-9293

Wanted - Young service age boar, part Hampshire. Phone 768-8792

Help Wanted - Man to milk cows in a parlor, $3.00 an hour plus bonus, hospitalization and vacation, 5½ day week, opportunity for wife to work part time at same rate. Call 872-5461 or 872-7190. Jay Frey, Turkey Hill Dairy Farm.

For Sale - 35 Holstein bull calves, between 200 and 300 lbs. Reuben Reiff, Route 4, Middlecreek Road, Lititz, Pa.

"FARMERS"

- Black plastic covers for silage piles-silos, crop cover & building.
- Silage preservatives.
- Rot proof silo rope.
- High Pressure Cleaners Portable 700 lb. pressure
- Cattle Tags and Chains
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Electric Fencers

THIBENZOLE + TRAMISOL Cattle & Sheep Wormer.

TYLAN-10, SP-250, TM-50 Livestock Conditioners.

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MUNCY-CHIEF HYBRIDS
Muncy, Pa. Date _____

Gentlemen:

☐ Please send catalog, price list, and literature.
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Address _____
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Acres Farmed _____ Acres Corn _____

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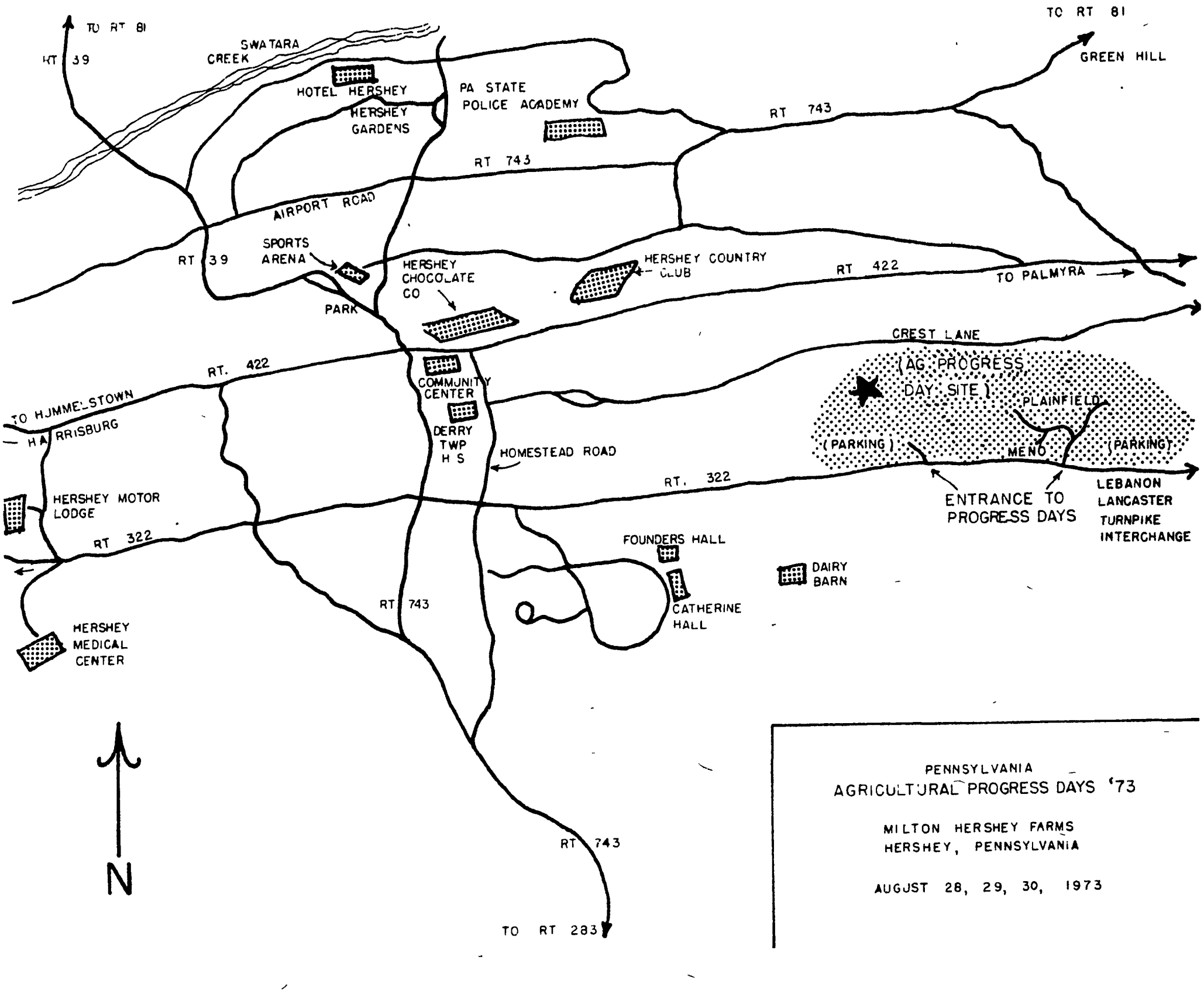
AG PROGRESS DAYS '73

AUGUST 28-29-30
MILTON HERSHEY SCHOOL FARMS
HERSHEY, PA.



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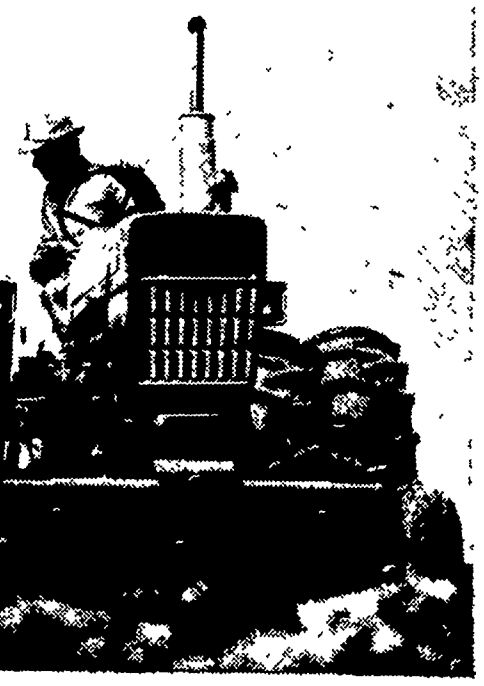

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It takes money to run a successful farming operation, and Farm Credit has it – money for production & livestock, new equipment and modernization.

Our interest rates are the lowest possible, our terms the longest around, and we'll go out of our way to help you.

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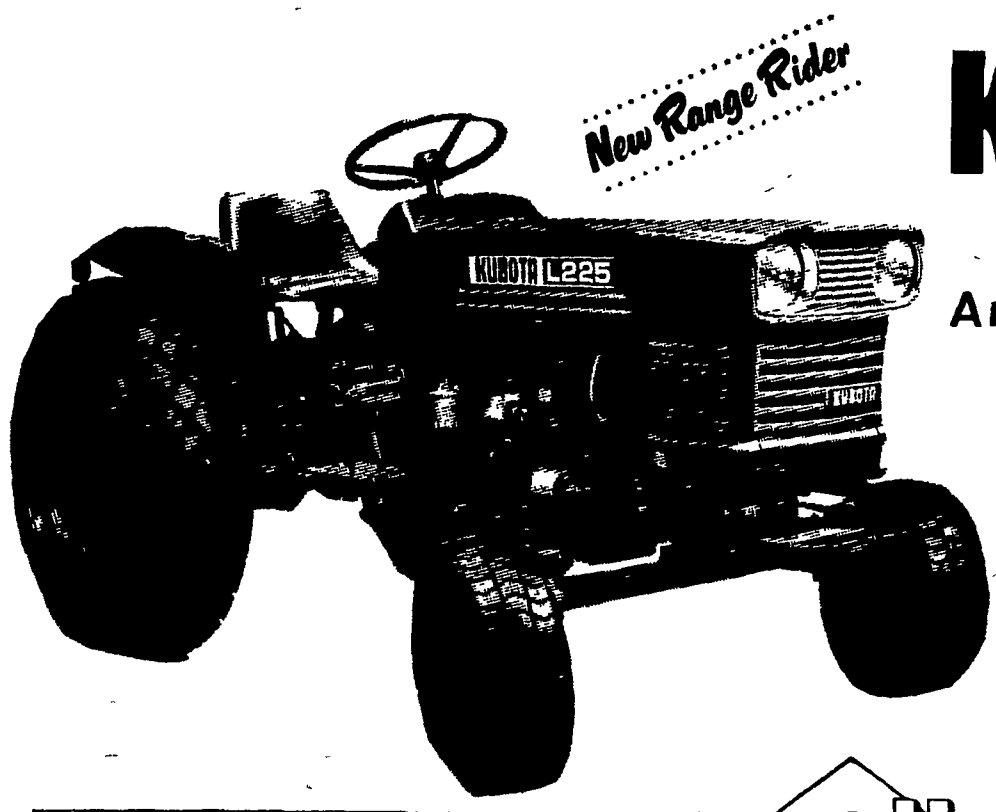
KUBOTA

Never has so much been done for so little.



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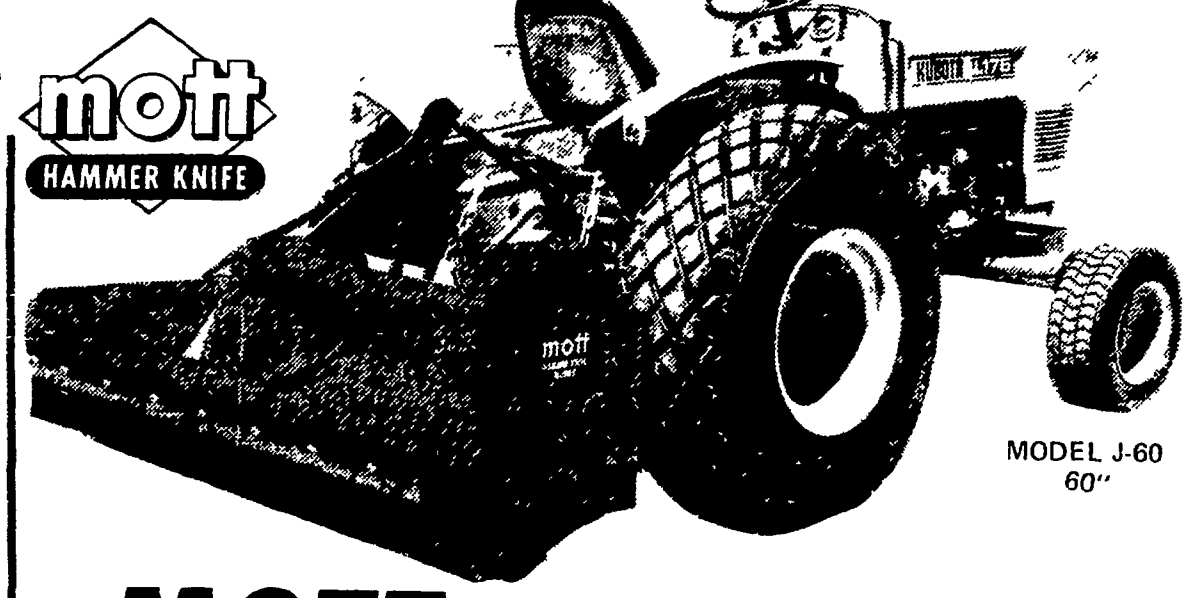
Model **L225** 24HP diesel

A new and different breed of tractor to fill your work gap!

- 3 cylinder quieter Diesel power with economy and dependability.
- A wide choice of job types with 8 forward, 2 reverse and 2 PTO speeds (rear).
- Category 1 3-point hitch.
- The versatile L225 is an all year performer.

Built to accommodate a full line of implements for MOWING, CULTIVATING, TILLING HAULING, LIFTING, SNOW THROWING, FRONT-LOADING and many others



MODEL J-60
60"

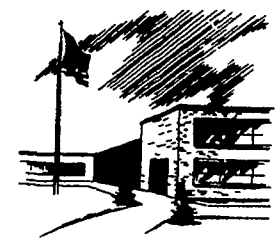
MOTT
HAMMER KNIFE SAFETY FLAIL MOWERS

CUTS BETTER—SAFER!

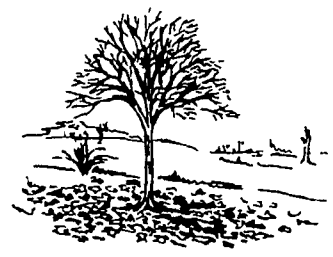
The knife-like flails of the MOTT system, with their edge-wise slicing action, cut cleaner and use less power than other type flails

Being light weight and free swinging, they fold back when hitting obstructions, absorbing the force of impact—and thus minimizing the danger of throwing struck objects.

SHRED WEEDS



MOW LAWNS



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COMPLETE LINE OF PARTS & SERVICE

SEE US AT AG-PROGRESS DAYS AUG. 28-29-30 AT OLIVER BOOTH.

HOURS:
Mon. & Thurs. - 8 a.m. to 9 p.m.
Tues., Wed., Fri. - 8 a.m. to 6 p. m.
Sat. - 8 a m. to 5 p.m.

FARMERSVILLE EQUIPMENT, INC.

R.D. 2, Ephrata, Pa. Located in Farmersville Phone 354-4271

THEME: "Quality Farming-Quality Living"
An educational event
for producers and consumers

Presented August 28-29-30
Machinery Demonstrations
(Beginning at 10 a m)
Corn Silage Harvesting
Hay Harvesting
Mower Conditioners
"Big Package" Haymakers
Soil Injection of Liquid Manure
Tillage Equipment
No-Till Corn Planters
Chemical Applicators

Other Activities
Statewide Hay Crop Silage Show
Statewide Corn Silage Show
Statewide Hay Show
Home and Family Living Demonstrations
Educational Exhibits
Youth Events
Commercial Exhibits
Environmental Improvement Activities
Dairy Events
Livestock Demonstrations
Field Crops Exhibits

August 28
State Plowing Contest
10 a m Contour Division
10 a m. Small Plow Division

August 29
State Plowing Contest
10 a.m. Large Plow Division

August 30
State Plowing Contest Rain Date

FREE ADMISSION
AMPLE PARKING
FOOD AVAILABLE

Livestock Program
Numerous educational livestock exhibits and demonstrations will focus attention on the advantages of using crossbreeding and planned breeding systems Other features will center on current practices being employed in the areas of feeding and management of beef, sheep,and swine

Home and Family Living
Ag Progress Days 73 will feature a varied program dealing with ways in which farm and urban families can cope with contrasting changes in family living Areas will include consumer information, ethnic crafts, preparation of nutritious foods, wise use of textiles, and home beautification Demonstrations will be continuous throughout each day

Field Crops Demonstrations
Scores of forage and grain research plots will be available for inspection Included will be alfalfa, corn, soybean, grain sorghum, and weed control plots, no-till corn planting, a limited crops garden living weed layout, and a turf area Also included will be information on organic gardening

Youth Activities
4-H Clubs and FFA Chapters will assist in conducting educational programs for farm and urban youth which will include demonstrations on good grooming, nutrition, consumer education, small engines, and tie dying Also included will be exhibits on career opportunities, soil judging, and forage quality

Hay and Silage Shows
Everyone may see the Hay Show, Hay Crop Silage Show, and Corn Silage Show Farmers who wish to enter samples in the Hay Show or Hay Crop Silage Show may receive information at the local Cooperative Extension Service Office

State Plowing Contest
Contestants will vie for awards in the State Plowing Contest scheduled for August 28 and 29. Divisions will include contour, small plow, level land, and large plow, level land

Machinery Demonstrations
Machinery dealers will demonstrate their newest forage harvesting equipment including corn silage harvesters, windrow harvesters, windrow conditioners, and the "big package" haymaking equipment. Another educational feature will be soil injection of liquid manure and new tillage tools

Commercial Exhibits
Approximately 100 commercial companies will be exhibiting their newest products for farming and country living. On display will be the latest farm machinery, feeds, fertilizers, ag chemicals, and other farm and home products.

Attend Ag Progress Days
All people—from producer to consumer—have a stake in agriculture and everyone will see new and interesting exhibits and demonstrations. Come and observe the advancements made in agriculture and how farming and proper land use management provides food and fiber for most nations of the world.

Educational Exhibits
Federal and state agencies, organizations, and various departments of Penn State's College of Agriculture will present exhibits showing the services and products they provide. This will include general agriculture, home and family living, and conservation.

Environmental Improvement
Those attending Ag Progress Days '73 will see a demonstration model, methane gas generator which converts agricultural wastes into usable fuel for home heating and lighting. Other exhibits will place emphasis on environmental management including the "Bressler System"for drying poultry wastes and the use of lagoons for waste disposal.

Dairy Program
One highlight of the three days will be a dairy program which will place emphasis on manure handling systems, both present and new, calf housing in a controlled environment, and a tour of Milton Hershey School Farms new dairy barn.

Badger
FORAGE BOX

• high-test all-steel welded channel frame absorbs shocks and flexing stresses • 14 and 16-foot boxes • 400 to 700 cu ft capacity • 8-ton or 10-ton walking tandem running gear
• full width,40 tooth beaters rotate smoothly on self aligning bearings • slant-back design for fast even delivery
• unitized front end construction for smooth unloading • beaters and cross conveyor operate as a unit • full-width safety shut off panel • single lever controls unloading speeds • high clearance cross conveyor extends out from box
• steel supports add load-carrying strength • perfect combination of rigidity and flexibility • floor and side walls are DFPA exterior plywood
• roller chain drive transmission • rugged 6 tooth steel drive sprockets 67H or optional pintle apron chains

More Steel Where It Counts!

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Badger

Service Our Specialty

Ask us for a free demonstration and details on a lease arrangement. We offer complete barn layouts without obligation

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AGWAY

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AT THE AGWAY EXHIBIT
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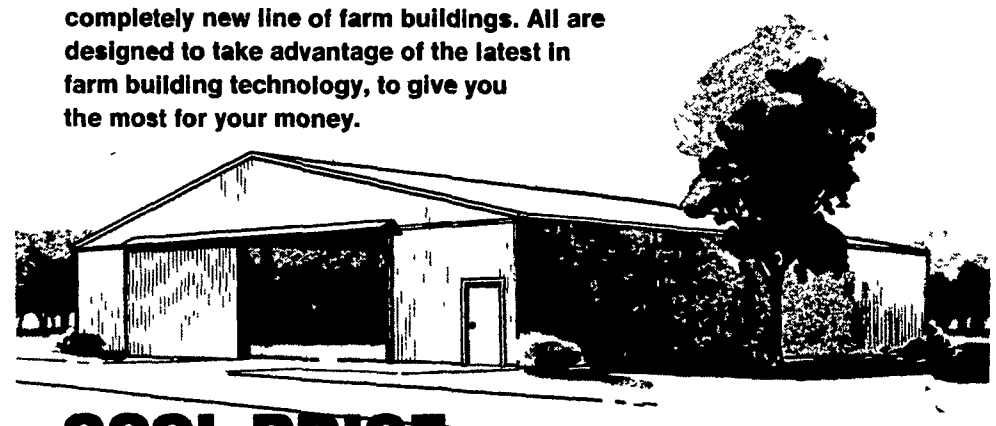
Stop a spell with us under the shade of an all new Agway farm building. Get the lowdown on Agway's completely new line of farm buildings. All are designed to take advantage of the latest in farm building technology, to give you the most for your money.



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Price good until Sept. 1, 1973

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- 37½' x 64' x 11'8" eave height
- Painted steel sides—choice of four colors
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- *Four closed sides plus doors—11'6" clearance*
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24 HOUR SERVICE DAILY

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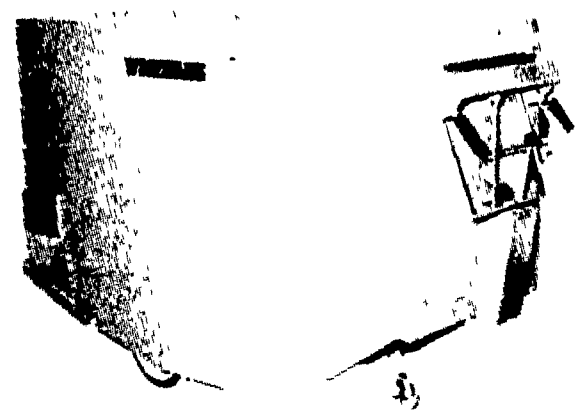
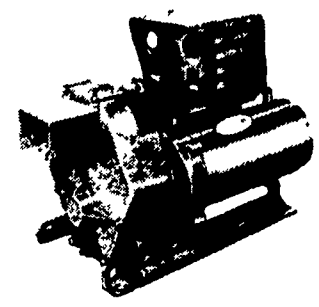
GLASBORD — For Walls and Ceilings

Glasbord is a semi-rigid, fiber glass reinforced plastic panel available in 4' x 8' sheets and 4' x 45' rolls. It is ideal for use in milking parlors, dairy barns or any other farm building where sanitation and ease of cleaning are important.

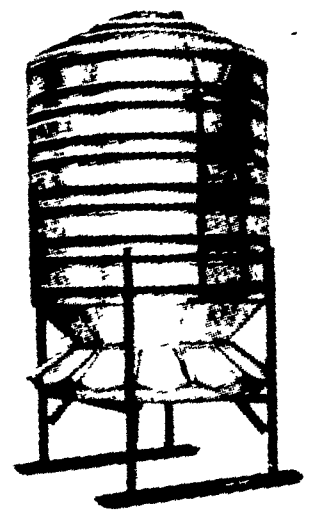
• Mildew-proof, rot-proof • easy to clean • unaffected by animal waste • will not harbor bacteria •



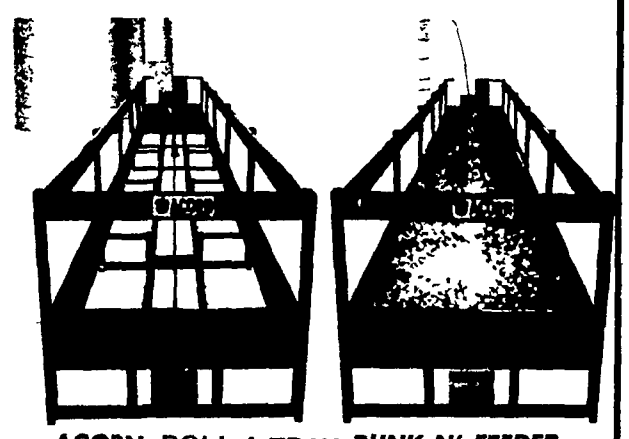
WEAVERLINE SELF-UNLOADING SILAGE CART



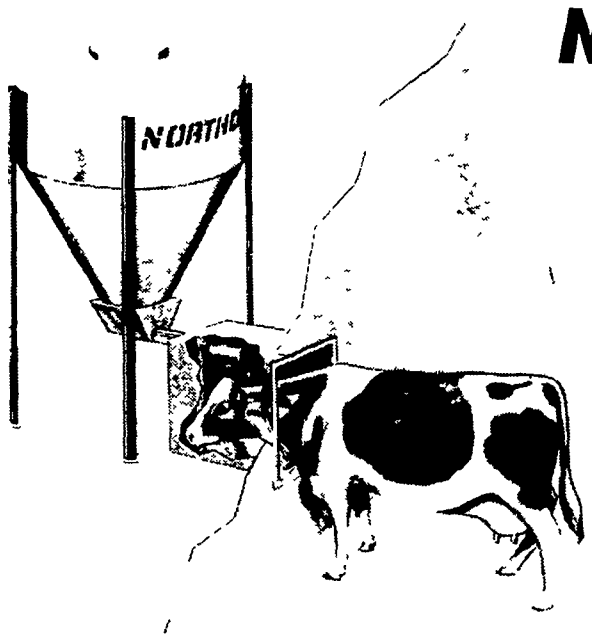
NIAGARA PTO ALTERNATOR



IDEAL ROUND CATTLE FEEDER



ACORN ROLL-A-TRAY BUNK N' FEEDER



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- ☐ ROTO FEEDERS (Lazy Susan)
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- ☐ ACORN 12" Single Chain Conveyors
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- ☐ Multi-Flo Silage Spreaders
- ☐ Vinyl and Steel Blower Pipe
- ☐ NORTHCO Silo Chute Hoppers

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- ☐ Electric Cow Trainers
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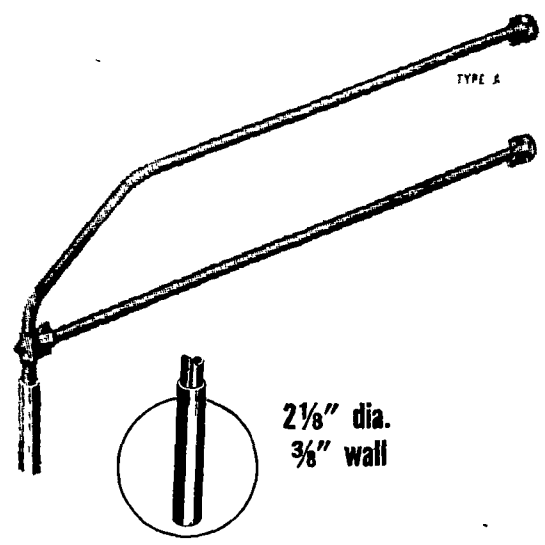

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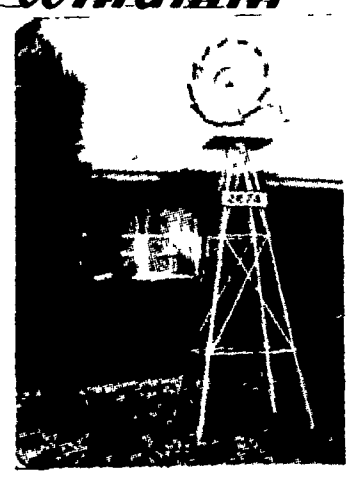

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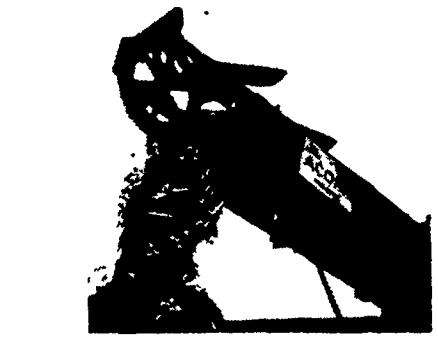
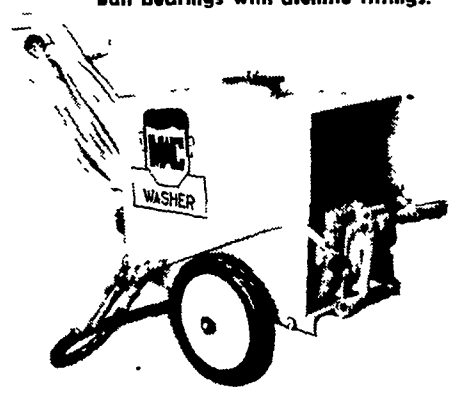


RITCHIE LIVESTOCK WATERER

ACORN CABLE BARN CLEANER



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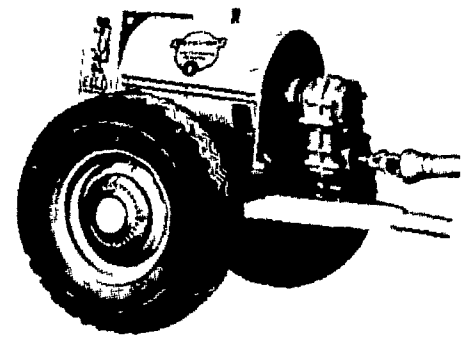

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AG PROGRESS DAYS

EXHIBIT AREA

Over 100 Exhibitors At Ag Progress Days

Over 100 commercial exhibitors have signed up for Ag Progress Days, August 28-29-30 at Hershey. That means more exhibitors this year than in any previous Ag Progress Days. Latest techniques and materials, covering the entire spectrum of farming in Pennsylvania, will be on view during the three-day event. Below is a list of the commercial exhibitors.

Seeds
Agway, Inc.
Asgrow
Beachley-Hardy
Casupa-Servos
DeKalb Ag. Research, Inc.
Doebler's Pa. Hybrids
A. H. Hoffman
Muncy Chief Hybrids
P-A-G Seeds
Pioneer Hi-Bred
Royster-Taylor Evans
Stanford of Philadelphia
Todd Hybrid
Trojan Seed
Voris Seed Corn (Carlton Seed)

Commercial Tent
American Breeders Service
Atlantic Breeders Cooperative
The J. E. Baker Co.
Chemagro, A Division of Byachem Corp.
Cib-Geigy Agr. Division
Coopers Creek Chemical
Eastern Milk Producers Cooperative
Edgefield Farms
Hales & Hunter Co.
Doug Johnson Industries
Kalglo
Lancaster Farming
Merck & Co.
Monsanto
Pa. Electric Association
Paul Muller
Niagara Chemical Division, FMC Corp.
Reading Bone Fertilizer Co.
Robert A. Reichards, Inc.
Stauffer Chemical
Terre Hill Silo Co.
Velsicol Chemical Corp.
Young's, Inc

Midway
Advanced Drainage of Ohio
Agway, Inc.
Milton Anderson Co.
Allied Farm Equipment
Allis-Chalmers
Avco New Idea Farm Equipment
Babson Brothers
Badger Northland, Inc.
Bowerston Shale
Butler Mfg. Jamesway Division
The Calumet Co.
Central Petroleum Co.
Chevron Chemical Co., Ortho Division
Clay Equipment
Cornell Equipment and Sales
Cummings & Bricker, Inc.
Dahlman, Inc.
Dairy Equipment Co.
John Deere
Farm Credit Service
Fickes Silo
Field Queen
Frey Bros.
Geh' Co.
Hamilton Equipment, Inc.
Hancor, Inc.
Hesston Corporation
Im-Pruv-All
International Harvester
International Star Silo Association
JDR Equipment
Koehring Farm Division
Lamco Mfg. & Dist. Co.
Lancaster Level-flo
The Lely Corp.
Long Mfg.
Madison Silos
Marting Mfg.
Massey-Ferguson
Melroe Mfg.
Miller Disc
Papec Machine Co.
Patz Co.
The Pearson Bros. Co., Inc.
Penn Jersey Harvestore
Penn Valley Cropstore
Perfection-Cobey
Ryder Supply
Sauder Bros.
Sharon Metal Products, Inc.
Shenango Steel Buildings
G. M. Sherwood Grain Equip.
Sperry-New Holland
Starline, Inc.
C. U. Stolzfus Mfg.
Stull
Tasco, Inc.
Todd Company
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S L. Webster & Sons, Inc.
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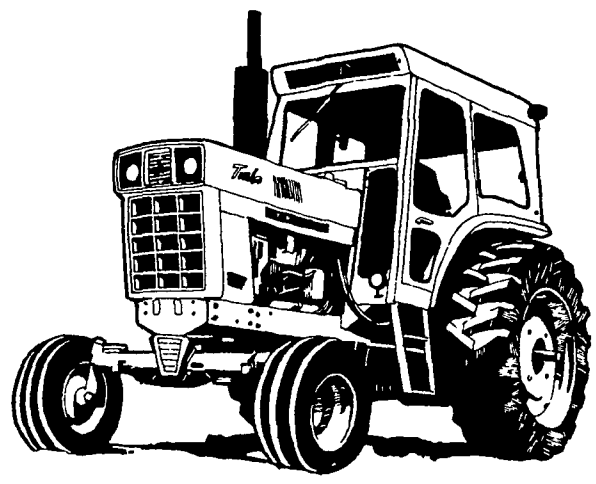

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Lansdale Man New District Manager

The appointment of William N. Williams Jr. as district manager, agricultural chemicals, has been announced by the Agricultural and Veterinary products Division of Abbott Laboratories. In his new position, Williams will be responsible for sales of the division's agricultural chemical products in the Northeastern United States.

Williams holds a Bachelor of Science degree in horticulture from Delaware Valley College. Before joining the Abbott Division, Williams worked in a similar capacity for another manufacturer of agricultural chemicals.

Williams and his wife, Bonnie are residents of Lansdale.

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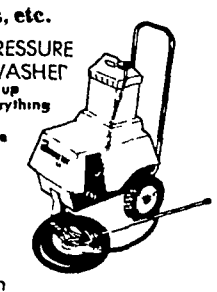

Craig H MacTaggart
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Manheim Pa 17545
Phone 717-66. 2369

Farm Women Societies

Society 3

Farm Women Society 3 met Saturday, August 18 at Shady Grove Park with Mrs Harvey Gehman as hostess

Guests at the luncheon were The Jolly Caterers 4-H Club with leaders Mrs Harold Fry and Miss Joan Ritzman, the Foods Around the World 4-H Club with leader Mrs Robert Gregory, and the Lincoln 4-H Sewing Club with leaders Mrs Harlan Farlow, Mrs Luther Moore and Mrs. Ernest Hartranft Miniature golf was played following the luncheon

During the meeting of the Society, a Memorial Service was conducted for Mrs Paul Weidman by Mrs Carl Meck, Mrs Vernon Leininger and Mrs Earl Stauffer

Mrs Robert Gregory reported on the picnic and business of the Lancaster County Farm Women Executive Board meeting held August 7

Mrs Clarence Stauffer, president, conducted the meeting Miss Jean Aungst led the devotions

The next meeting will be held September 8 at Twin Pines, Ephrata RD1 Mrs Harry Risner will be the hostess

Society 18

Farm Women Society 18 met at the home of Mrs Charles D Warfel II, Conestoga RD1 on Saturday, August 18

During the business session conducted by Mrs David Buckwalter, president, the group voted to give a $75 contribution to the county project, the Welsh Mountain Clinic

Devotions were led by Mrs Jerome Brubaker, Manheim An auction of food items and knick-knacks followed with Mrs Robert Good, Rohrerstown, serving as auctioneer.

Guests included Mrs. William Hughes, Mrs. Charles Warfel III, and Mrs Richard Warfel

Society 22

Farm Women Society 22 met last week at the home of Mrs Amos Miller for a chicken barbecue-corn roast Mrs. Melvin Martin and Mrs Elvin Sangrey were co-hostesses. Mrs. Martin led in devotions and in singing the Society's theme song

During the business meeting the Society voted to donate $500 to the Welsh Mountain Clinic, the County Project for this year.

The following officers were elected for next year: Mrs Henry Hess, president, Mrs. Lester Landis, vice-president, Mrs. Robert Houser, treasurer, Mrs. Jack Robinson, secretary; Mrs. Harold Rudy, corresponding secretary

The following were named as committee chairmen: Mrs. Harold Zook, news reporter; Mrs Robert Bare, social committee, Mrs William Weller, membership, Mrs Elvin Sangrey, sunshine, Mrs. Lloyd Herr, auditing, Mrs Melvin Martin, song leader; Mrs Cloyd Wenger, photographer and scrapbook, Mrs. Clair Witmer, program, Mrs Kenneth Funk, ways and means, and Mrs. Paul Witmer, cookbook.

A report was given on the Society's adopted daughter from Guatemala Mrs. Carl Diller and Mrs. Richard Landis volunteered to make a table centerpiece for the County Convention which will be held November 3 at the Lancaster Bible College

Mrs. Harold Zook conducted a Penny Social after the meeting, in which food and other articles contributed by the members were auctioned.

The next meeting will be at 1 p.m. September 11 at the Village Green Minature Golf Course in Strasburg. In case of rain the place will be changed to Park City, and the meeting will be conducted at Long Park.

Farm Women Calendar

Saturday, August 25

1.30 p m -- Farm Women Society 5 meeting, Amanda Holbein, hostess.

7:30 p.m -- Farm Women Society 27 meeting, home of Mrs. Arthur Wenger.

Homemakers Camp, Camp Swatara, August 26-28.

Wednesday, August 29

7 p.m. -- Farm Women Society 24 Road Rally; meet, Contestoga Church of the Brethren, Bareville.

Saturday, September 1

1:30 p.m. -- Farm Women Society 10 meeting, home of Mrs John Habecker, 2301 Spring Valley Road.

2 p m. -- Farm Women Society 6 meeting, Mrs. William Thome, hostess.

+ + +

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AUGUST 28, 29 & 30

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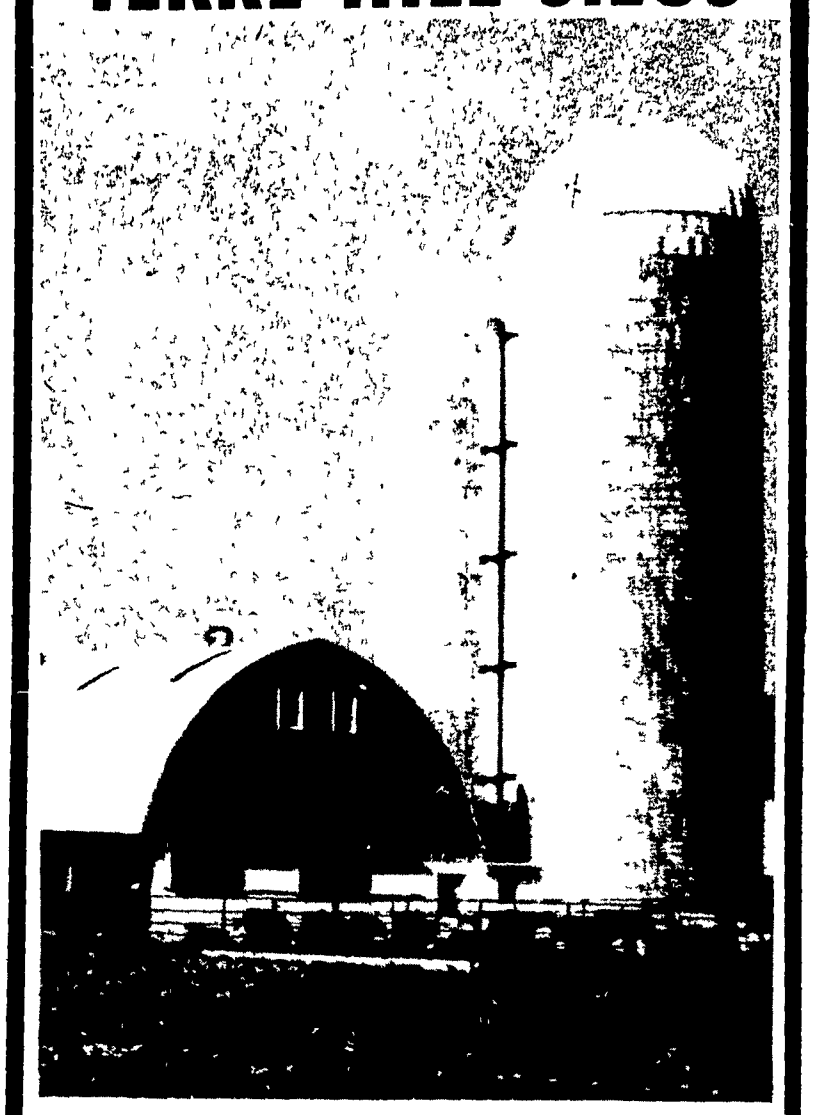

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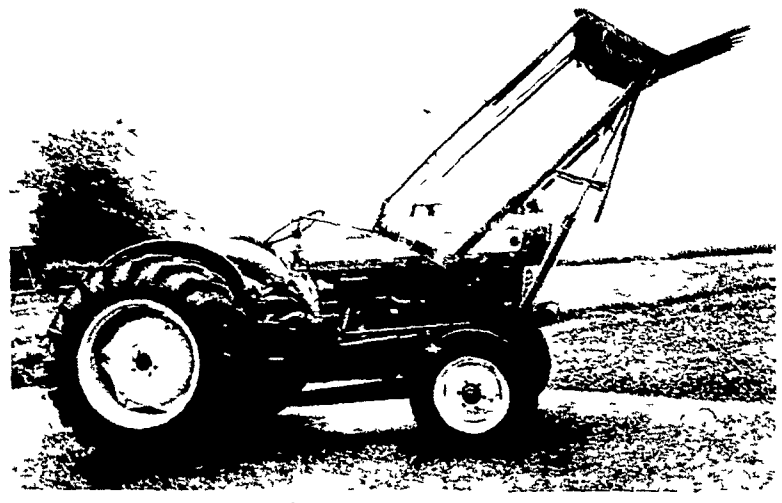

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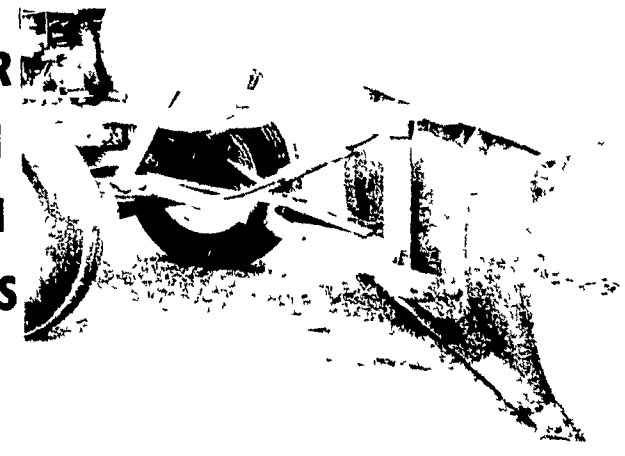

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FFA Cites Agway for 25 Years of Foundation Sponsorship

FFA members presenting plaque to Agway in recognition of 25 years of continued support included: (from left to right) David Galley, Garrattsville, N.Y., America's Star Farmer at last year's FFA National Convention in Kansas City; Bruce Erath, Grahamsville, N.Y., National FFA vice president for the Atlantic Region; Ronald N. Goddard, executive vice president and general manager of Agway; Dwight O. Seegmiller, Decorah, Iowa, National FFA president, and Wayne Fletcher, Lisbon, N.Y., president of the New York FFA.

Two national officers of the Future Farmers of America travelled to Syracuse, N.Y., recently to honor Agway for its support of the organization during the past 25 years. They were accompanied by the national FFA Star Farmer and the New York State FFA president on the trip to the headquarters of the 110,000-member cooperative.

Dwight O. Seegmiller, a 20-year-old dairy farmer from Decorah, Iowa, who is president of the 445,000-member organization of young farmers, presented a plaque of appreciation from the national FFA to Agway for its continuing support of the organization. Also presenting a plaque was Bruce Erath, 21, of Grahamsville, N. Y., national FFA vice-president for the Atlantic Region, who presented the silver anniversary award, marking Agway's 25th year of sponsorship of the FFA Foundation which finances the organization's activities.

Accepting on behalf of the farm supply and marketing cooperative which serves in 12 northeastern states, Ronald N. Goddard, executive vice-president, promised that such support, both financial and moral, would be continued in the future.

"We look upon our contribution to FFA as an investment in present and future leadership in the most important business in our nation," Goddard declared, noting that three out of every 10 working people in the United States are employed directly in agriculture production, or a related field such as marketing.

Goddard noted that Agway and its members in 12 northeastern states support many youth organizations such as 4-H, Junior Achievement, the Boy Scouts and Girl Scouts, and others, "But," he declared, "Number one with us is the Future Farmers of America because with them lies the future of America's farmers."

Accompanying Seegmiller and Erath were David Galley of Garrattsville, N. Y., chosen America's Star Farmer at last year's FFA national convention in Kansas City; and Wayne Fletcher of Lisbon, N. Y., president of the New York FFA.

During the day, spent as Agway guests, the youths toured the Agway Research Farm near Fabius, N. Y., and the Agway Distribution Center at Geneva.

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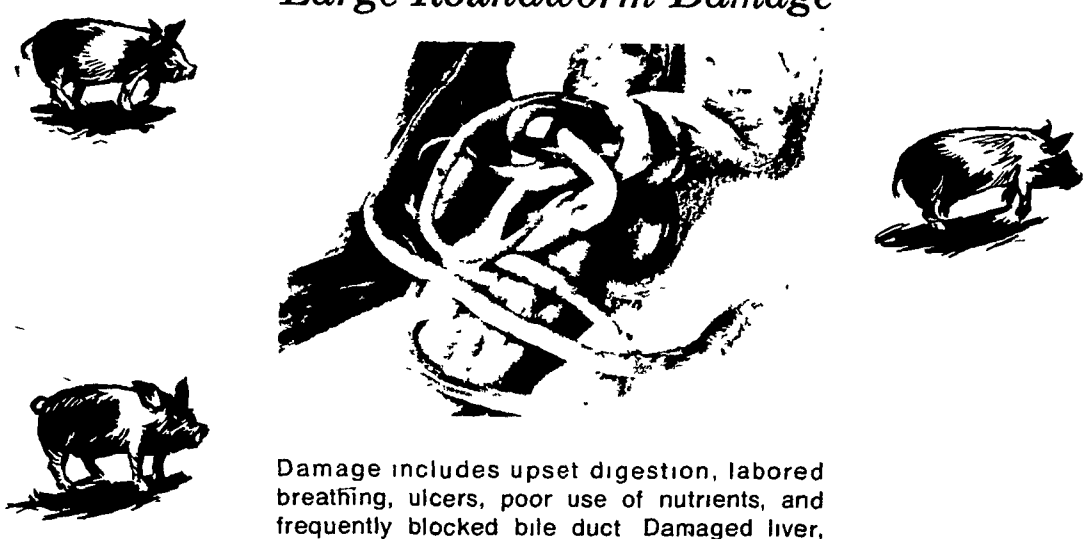

Damage includes upset digestion, labored breathing, ulcers, poor use of nutrients, and frequently blocked bile duct Damaged liver, hemorrhagic lungs, constant coughing, and pneumonia also occur, making them vulnerable to disease organisms Adult worms feed on nutrients in the intestines

Nodular Worm Damage

As early as 20 hours after being swallowed, infective larvae enter the intestine walls Nodules then form around the larvae and weakness, emaciation, diarrhea, unthriftiness, and stunting may result

Whipworm Damage

Unthriftiness, weakness, emaciation, and diarrhea may result They invade delicate intestinal lining, causing tissue destruction, edema, and hemorrhaging of the intestinal lining Damaged tissue is susceptible to secondary infections

For control of costly worm losses, the pork producer can choose from two programs. Continuous in-feed control during times when worm damage is most critical, or purging.

Since worms can be in all stages of development in a hog at all times, purge-type wormers that get only the mature worms fall short of effective control. Purge worming helps remove adult worms, but the immature worms that remain in the hog can mature and be a source of continuous reinfection.

A continuous in-feed worm control program available with Hygromix® can give effective worm control without production set-backs. Hygromix® shuts off egg producing ability of female worms, and reduces the adult worm population. Continued use of Hygromix® works to reduce the worm infection on the premises.

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Ladies, Have You Heard?

By Doris Thomas, Extension Home Economist

Doris Thomas

Bartlett Pears -- Pleasant Possibilities

All good things come in pears.

This isn't only food for thought. You'll discover all the good things about Bartlett pears when you take advantage of this year's larger than usual supply

Bartletts are one of the most popular pear varieties and the principal summer pear. What has made this variety so popular is its juicy and scrumptious flavor. And once you incorporate fresh pears into your cooking, you will pleasantly discover that they lend themselves to ample creativity. Here are a few possibilities.

Arrange lengthwise slices of fresh pear, turkey and ham around a mound of cottage cheese on a bed of salad greens. Serve this combination with blue cheese dressing. Complete this treat by adding a tiny relish cup full of cranberry relish for a colorful accent.

For a dessert dish, fill baked tart shells with lemon pudding. Then chill and top them with fresh pear slices at serving time.

Here's a more filling dish. Center chicken salad on a bed of greens and surround it with a sunburst of fresh pear slices.

For quicker dishes, you can just take fresh Bartletts and combine them in numerous forms with cottage cheese, yogurt and fruits. This is where your imagination will take over and lead you to prepare fresh pear dishes in many different ways.

Sew Your Own Blue Jeans

Making your own blue jeans is one way to expand a jeans wardrobe and provide touches of individuality. The wide variety of denim fabrics available by the yard, as well as the variety of patterns, makes jean-making fairly easy.

Fabric stores have a large selection of denims for jeans that include stripes, prints, solids and tie-dyed colors. There also is a wide variety in the un-denims -- the fabrics printed to look like denim -- and available in heavy to lightweight fabrics.

Many sutitable fabrics are of cotton and polyester blends and have finishes that make the garments easy care. Some also have a "comfort stretch" weave that allows the fabric to expand as you bend, stretch and sit.

Patterns are available for fly-front or button-front jeans. There are hip-hugger jean patterns and those that give straight-legged or flared lines. The biggest challenge in sewing jeans is making a front fly opening. This isn't too difficult if you follow pattern directions step-by-step.

A pattern with a buttoned fly might be easier. Or it's possible to use a regular pants patern with side or back zipper and create a jeans effect by adding pockets, top-stitching or belt carriers.

You usually need four to six belt carriers. These can be made any width, beginning from about one-quarter inch for narrow ones, up to two inches or more for wider ones. Cut each carrier long enough to fit easily over the belt and waistband with one inch allowed for seams.

Because denim is a heavier fabric, it's best to use a heavy-duty thread of cotton or cotton-covered polyester. A size 16 machine needle and a longer stitch length -- 10 to 12 per inch -- will give better results. Heavier fabrics usually require a heavier machine pressure.

Give jeans a personal touch by trying top-stitching in a contrasting color. For this type stitching use a heavy thread -- size 30 to 40; a size 18 machine needle; and a longer stitch -- about 6 to 8 per inch. To keep the top-stitching straight, baste the layers of fabric together to prevent them from slipping while you stitch. Mark the stitching line with basting and use this as a guide as you stitch. Or use a seam guide or a quilter attachment to insure an even width. Stitch slowly and accurately. If your top-stitching ends at a finished edge, such as the top of a pocket, cut the threads long enough to pull the top thread and tie on the underside.

You can achieve other special touches by making belt loops and pockets of contrasting colors, using double lines of top-stitching, or making belt loops in an "X" shape. Make a choker or dog collar with the left-over scraps.

Be Cautious With Pesticides

Pesticides are any chemicals prepared to control pests such as weeds, insects, plant diseases and rodents. If not used properly, these chemicals may contaminate the soil, air and water and cause injury to humans and animals, reminds the Cooperative Extension Service of The Pennsylvania State University. Always carefully read the directions on labels of pesticide containers and follow them carefully.

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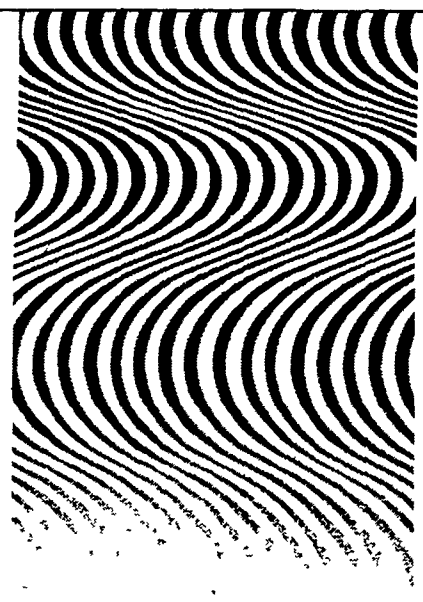

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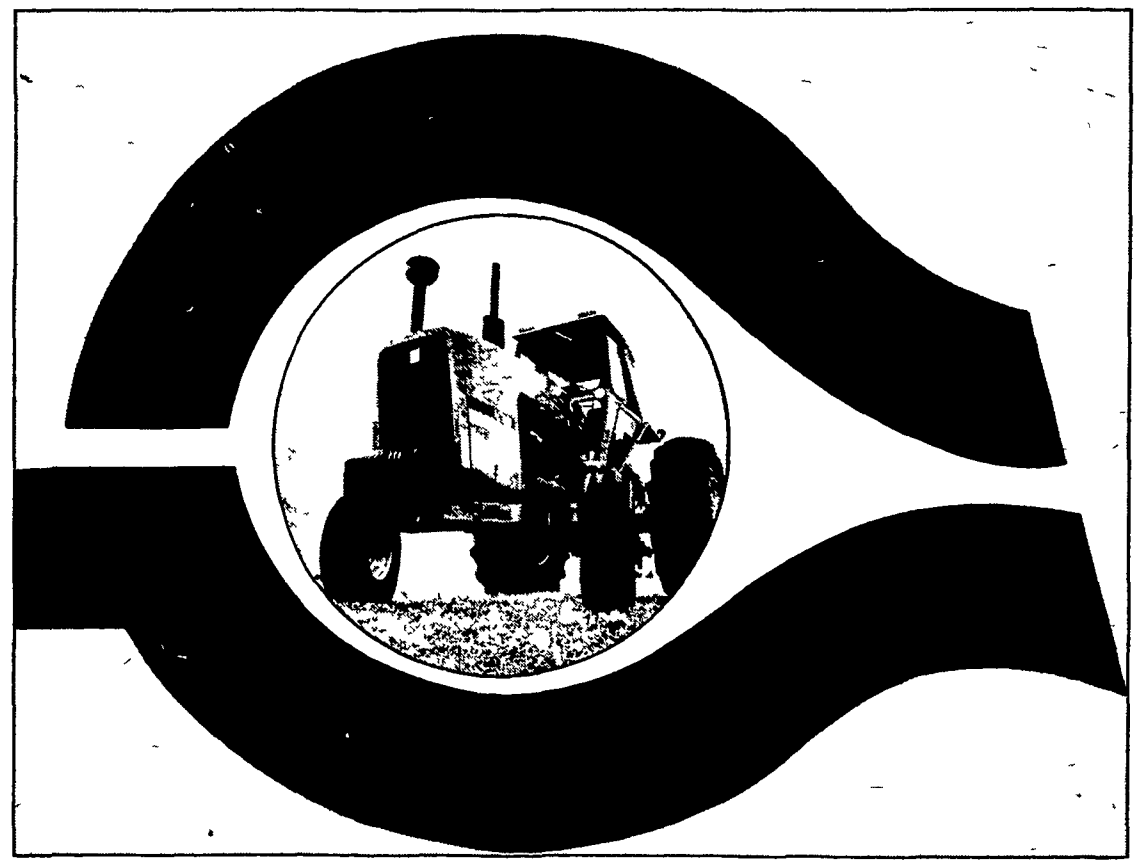

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Doctor in the Kitchen®

by Laurence M. Hursh, M.D.
Consultant, National Dairy Council

WEIGHT CONTROL FALLACIES

In the past year I have, for some reason, received several letters inquiring about the same thing—a column I wrote in 1971 in which I listed common fallacies concerning weight control. The American Dietetic Association had collected data on food misinformation that were in wide circulation in the United States. And I published some of the fallacies listed by the association.

My correspondents this past year remembered the columns but wanted the list. This got me thinking that it might be a good idea to repeat the list this week.

People Go For Fads

It certainly is true that the subject of weight control is surrounded by fad diets. I would say there is generally better information published now than a few years ago. But still, people seem to go for exotic and "far-out" presentations on the subject.

The special foods that some diets require can be expensive. But the biggest objection to fad diets is not just that they are not sound, but that they confuse people and do not lead to the retraining of eating habits that usually is necessary if a person is to reduce and stay reduced

So, to help clear the air, here is a list of statements that are commonly-held fallacies All are false:

1. Obesity is due entirely to heredity.
2. In the experience of some people, all foods turn to fat.
3. Meal-skipping is a good way to lose weight.
4. You can eat all you want and still lose weight if you take "reducing pills."
5. Special low-calorie bread should be used in reducing diets.
6. Toast has fewer calories than bread.
7. One must not drink water when trying to lose weight.
8. Candy enriched with vitamins may be eaten when a person is reducing.
9. Washing rice after cooking reduces calories.
10. Sugar is not as fattening as starch.
11. High-protein foods and fruits have no calories.
12. Gelatin dessert is non fattening.
13. Milk should not be included in a weight reduction diet.
14. "De-starched" potato chips do not have calories.
15. Meat burns its own calories.
16. Margarine contains fewer calories than butter.
17. For reducing, eat high protein foods for a week; then eat anything you want for a week.
18. Grapefruit will reduce a person.

Remember the statements are all false, not true.

+ + +

To remove the ugly purple stain often left on plastic counter tops from grocery markings, use a piece of cotton dipped in rubbing alcohol.

Leftovers Tips

One way to stay on the right side of your food budget is to make imaginative use of all your food leftovers--or planned overs

Try making sandwiches of leftover ground beef mixed with chopped onion and salad dressing on lettuce leaves This mixture also makes excellent open-faced sandwiches. And you can decorate them with pimento or green pepper slivers.

And how much do you throw out of your refrigerator that is completely wasted? Penn State Extension consumer specialists offer an idea to save you money in that area First, if you have odds and ends of cheese, chop them up and serve them on tossed or Chef's salads for a more nutritious and tasty meal addition.

And here's another refrigerator trick. Home economists have found that you use up more of your leftovers if you can see them! So put those leftover chicken parts and hamburgers and chops in a see-through wrap. That way you'll be reminded to use them for lunch And use a clear wrap over bowls of leftover vegetables. Then the next day add them to a salad.

Now--take a look at your refrigerator and see savings on every shelf.

xxx

Bits O' Business

Phase Four will bear down more heavily on profit margins of companies with sales above $100 million a year than it will on wage rises, according to recent analysis of the new rules. . . .Look for Washington to come down hard on salesmen who sell shoddy or unnecessary safety products to employers anxious to meet Federal safety and health laws. Marketers of such products are being asked to watch their salesmen more closely. . .Thailand will be the next most-favored site for anyone keen on building plants where labor is cheap and plentiful

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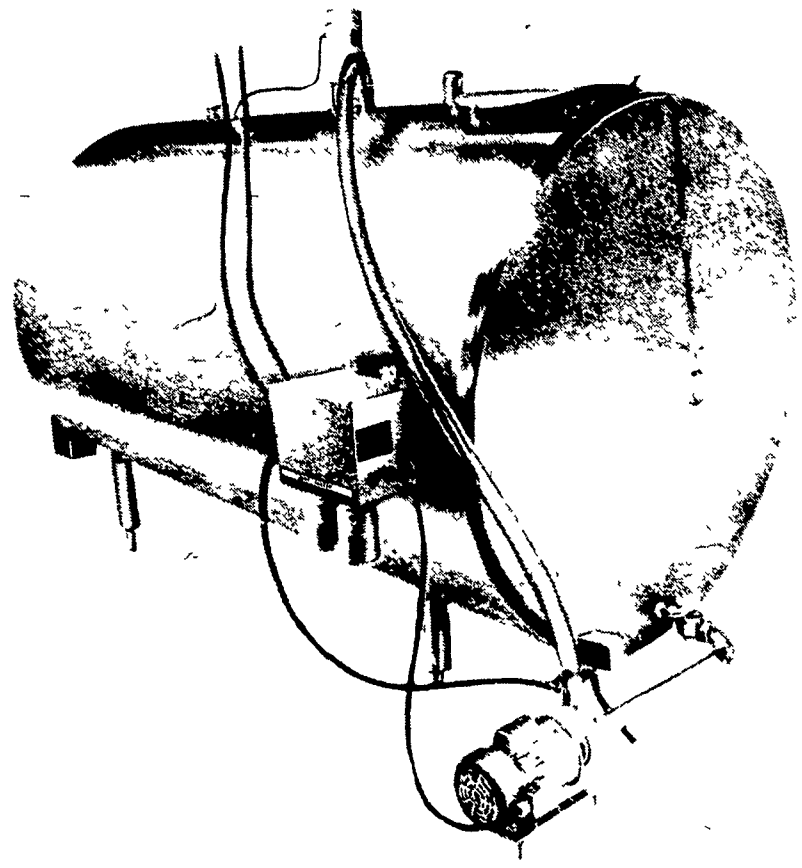

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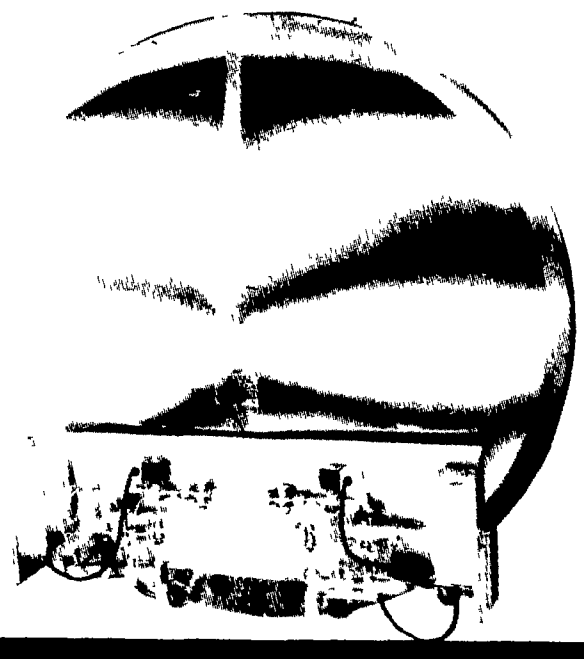

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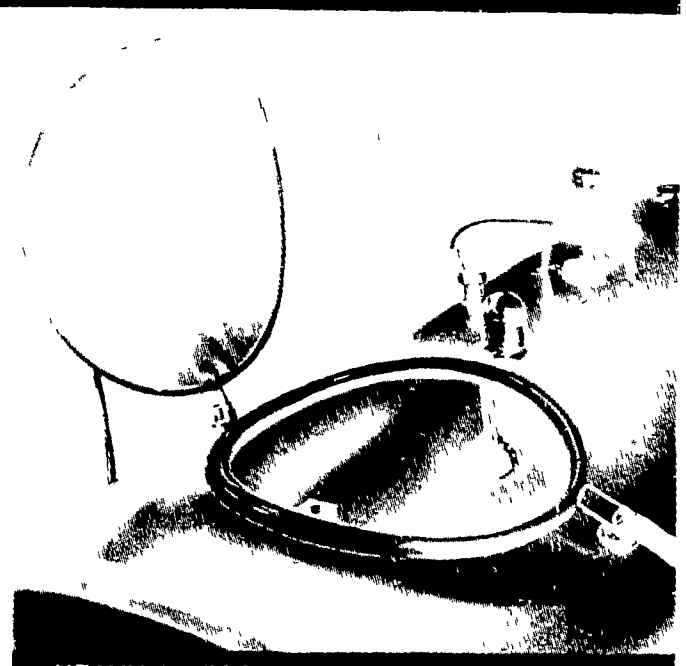

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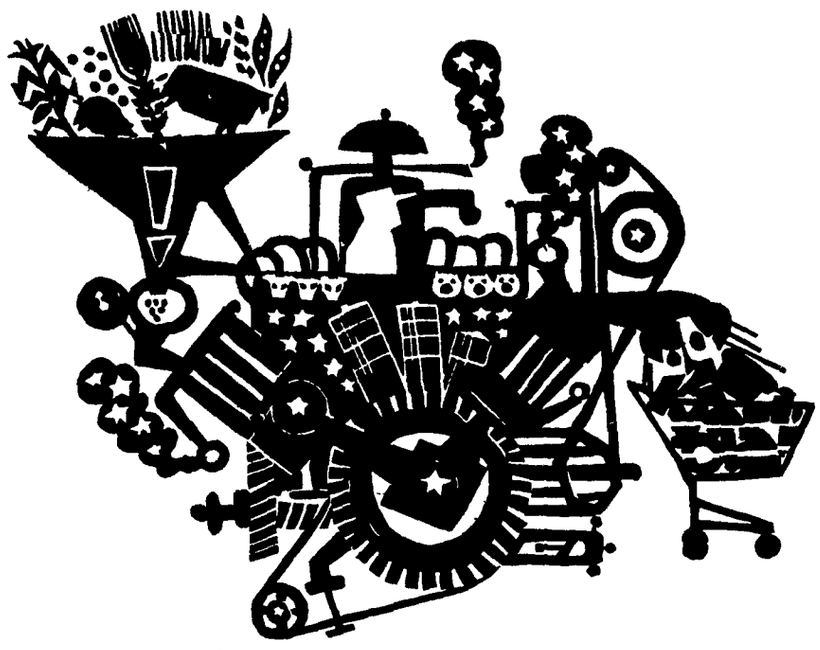

How Farmers Make Foo

Abundant food is America's strength

America's greatest blessing is its abundant food supply. No other country in history has enjoyed a table set with such nutritious, high quality food, priced to make it available to all. We eat over 200 pounds of meat per person and enjoy fresh fruits and vegetables all year long. For many Americans, the food problem is too many calories instead of not enough.

We spent only 15% of our income for food . . . the lowest of any place in the world. And we require fewer hours of labor to put food on the table.

Abundant food is the key to the strength of America. First of all, it provides the nutrition for an energetic, innovative people. No country can be productive without a high standard of nutrition for its people. The efficiency of American agriculture frees people to work in industry. Only 4% of our people farm the land, and produce the world's highest standard of living. In Pakistan, 70% of the people are tied to the land and still have starvation level diets.

Our wonderfully efficient agriculture provides eagerly sought products for export. Many traditional exports of the U.S. no longer are competitive in foreign markets. Agricultural provides the brightest opportunity to narrow the balance of trade deficit that caused two devaluations of the dollar.

Farmers have been making a tremendous contribution to America's well-being, but have seldom been adequately rewarded. The advance in food prices has been smaller than other products — and only a small percentage has filtered down to the man on the land.

This booklet shows why food prices are tending upward here and around the world . . . and why our food remains the world's best value.

by H. Lee Schwanz

Plentiful, low cost food makes America the envy of the world

The astonishing productivity of the American farmer has made the United States the envy of the world. No other country can match us in the variety, quantity and quality of our food. It takes only 15.7 percent of our disposable income to pay our food bill, leaving the remainder for the other things that have become so important to our way of life. We can purchase more food with an hour of labor than any other people on earth. . .and that is the true measure of outstanding performance. The American farmer has made a tremendous contribution to the economy of our country. His productivity has helped keep the price of food far below the trend in wages and other things we buy.

A.O. Smith Harvestore Products, Inc. welcomes the opportunity to show that food is fairly priced — and that farmers' hard work and willingness to invest and take risks have provided a higher standard of living for everyone.

If food had gone up as much as wages, round steak would cost $

If food prices had kept pace with average wages you would see some tremendous increases. For example, the round steak selling at $1.68 recently, would cost $2.67 per pound. Eggs would be $1.61 per dozen instead of 69 cents and a loaf of bread would cost 38 cents instead of 25 cents. Other comparisons are shown in the chart.

Average hourly rates in industry have increased from $1.52 per hour in 1952 to $3.65 in 1972. If food prices had gone up 2.4 times during the 20 years to match wages, you would see $2.67 round steak and the other projected prices in the chart.

In the 20 years between 1952 and 1972, prices for food served at home advanced only 44%. Here is a comparison with wage increases of major industrial worker groups:

Auto workers
Construction worl
Rubber workers
Transportation wo
Railroad workers

Turning the comp
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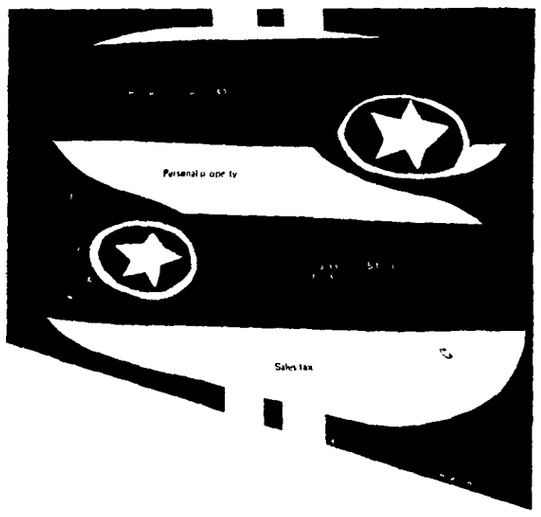

Farmers pay their full share of county, state and federal taxes

The cash register in the supermarket is a vigilant tax collector. In many states it levies a direct sales tax on food that adds from 3 to 6% to the total on the grocery bill. It is estimated that other taxes collected along the food processing and marketing chain add 4 cents to the food dollar.

Taxes make up a big part of the farmer's cost of growing your food. Farm real estate taxes add up to $2.7 billion per year. In 1971 alone these taxes jumped 6.4%. Property tax payments are keeping rural America's schools and other institutions alive.

Farmers pay $2.5 billion in federal and state income taxes — money that serves all of the people, urban and rural. Farmers also pay sales taxes totaling more than $350 million and personal property tax of $450 million. The food marketing industry has been paying $2.2 billion a year in corporate income taxes. This is about 2.8% of the food marketing bill. Property taxes, social security, unemployment compensation, state taxes and license fees require an additional $3 billion per year.

Taxes are a big — and growing — item in every family's grocery bill.

Agriculture is the be to bolster the U.S. d

The U.S. dollar is in troubl
world. "Sound as a dollar" has
these days. The basic problem
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we have been able to sell. O
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Farm product expo
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Food America's Best Buy

much would cost $2.67 per lb.

Auto workers	up 149%
Construction workers	up 185%
Rubber workers	up 111%
Transportation workers	up 143%
Railroad workers	up 169%

Turning the comparison around, if wages had gone up at the slow rate of food prices, the average industrial wage would be $2.23 per hour instead of today's $3.65. This would amount to a 39% cut in 1972 wages.

Half of the increase in food prices has come in the past five years. But while food was going up 22%, wages jumped 41 percent. And in 1972 alone, wages and salaries advanced 10% while food was increasing 7%.

There's good reason to believe that the gap between food costs and wages will continue to widen. In any comparison with wages, food will remain a top value buy for Americans.

ure is the best hope r the U.S. dollar

.S. dollar is in trouble around the "Sound as a dollar" has a hollow ring lays. The basic problem is that we have buying more from other countries than ve been able to sell. Our trade deficit 2 billion in 1971, $6.8 in 1972 and will gher in 1973. This growing trade deficit ted the U.S. to bite the bullet of dollar uation twice in a 14 month period.

ings are likely to get worse before they better. Our country is running out of oil. must import to keep our engines running homes heated. That requires an ever wing number of trade dollars. We are ding about $5 billion for foreign oil v–it could be more than $15 billion by 80.

Agricultural products offer the brightest omise to save the dollar. At present we are porting more than $10 billion per year. SDA experts think that $15 billion is ssible over the next few years — roughly ough to meet the oil bill.

The U.S. has lost its edge in manufacturing ver Western Europe and Japan–probably orever. The one thing we can do better is to oduce agricultural products. No other coun- ry on earth can equal our ability to grow grain for world meat production. And our climate for high protein soybean production also is unmatched anywhere. We have a technology intensive agriculture with an enor- mous lead in productivity. And there's an organized marketing, transportation and in- dustrial complex to support it.

Farm product exports must grow to keep the economy healthy, and to protect the value of the dollar at home and abroad.

Look what beef costs in other countries

If you think meat prices are high in the United States, try shopping in other countries around the world. When U.S. agricultural attaches visited markets in various foreign capitals they found beef substantially higher than in Washington D.C.

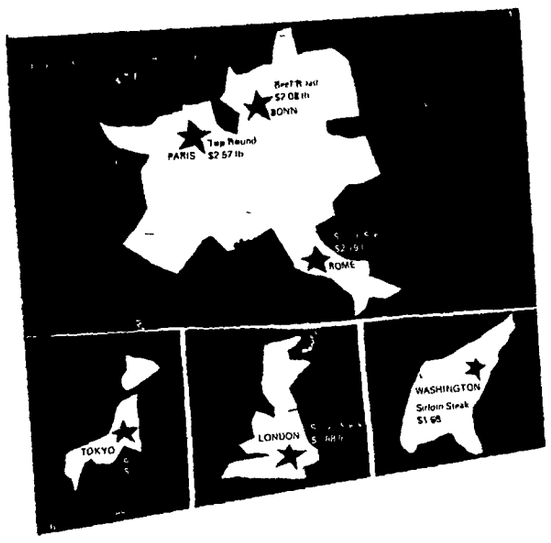
Using the Washington price of $1.69 per pound for sirloin steak as a basis for comparison, beef in most Western European capitals costs 15 to 50% more than here. Sirloin steak sold for the equivalent of $1.88 per pound in London and $2.79 in Rome. Round steak was $2.57 in Paris, beef roasts were $2.08 in Bonn. Beef is a rare luxury in Japan where beef loin was quoted $11.90. Because of difference in cuts and quality, prices are not strictly comparable — but these figures show that beef is much cheaper in the U.S.

Other meats are comparably priced. Early in 1972, chops sold at $1.12 in the United Kingdom, $1.66 in Denmark, $1.74 in Italy and $1.91 in Japan.

Broilers that sell for 44 cents per pound in the U.S. were priced at 67 cents in Denmark, 82 cents in Italy and $1.09 in Japan.

People all over the world are demanding more beef and other meats. Their standard of living is improving and meat is what they want. Foreign workers are paying higher prices than those of the United States and a much high percentage of disposable income.

Japan currently averages only 27 pounds of beef per person, compared with our 115 pounds. But in prosperous Japan, people are demanding more beef and they are willing to pay the world's highest prices to get it.



This page is devoted to reprint of articles from "How Farmers Make Food America's Best Buy." The booklet can be obtained free by writing Penn-Jersey Harvestore Systems, Inc., P.O. Box 91, New Holland, Pa. 17557, or Phone (717) 354-5171.

Farms and the food industry provide 1 out of 5 jobs

Food is the nation's largest business. Add up all of the workers on the farm, in processing, transportation, retailing and restaurant food service and you'll find one out of every five workers in the U.S. Farming itself employs 4.3 million workers. That's as many as the combined employment in transportation, steel and automobiles.

Two million people have jobs in providing supplies farmers use in production. For example, it takes 120,000 workers to produce farm equipment. The steel used in cars, trucks, tractors and other equipment requires 40,000 workers. Five percent of the production by the nation's rubber workers goes to farm markets.

There are another 8 to 10 million people employed in all of the links in the food marketing chain.

This includes those in the canneries, meat packing plants and those who make the packages for convenience foods. There are truckers and railroad workers all the way from farm to market. Count the number of people working your local supermarket next time you shop — you'll find an example of another large group of job holders. The total payroll in marketing runs $38 billion per year. An agricultural industry that receives fair prices is a big buyer of all kinds of products. And that means more and better paying jobs for workers in urban factories and service industries.

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Homestead Notes

Pat Erway, Editor

Kenneth and Connie Rutt. . .

Rutt's Are Handling Solanco Fair Details

Farm Feature Writer

By Mrs. Charles McSparran

Fair season is here again and the Southern Lancaster County Community Fair leads the five held in the county. The 24th annual fair will be held September 19, 20 and 21 at the American Legion Park, Quarryville.

Many people put in countless hours working for that fair Probably no couple spends more time with fair details than Kenneth M and Connie Rutt, Quarryville RD2. Kenneth is general manager and Connie is chairlady of the senior clothing division With more women sewing, the clothing department is a growing one. Last year there were 159 exhibits in senior sewing and they are expecting more this year because every year there are more entries.

Connie has helped four years on this committee. Last year was the first year for her to be chairman of the senior division, although the one committee handled both senior and junior divisions. Senior division is for anyone over 19 years and junior division for anyone under 19 exhibiting The idea of two committees for sewing is more feasible since the senior division is housed in one trailer and the junior division in another.

This year Connie has a separate committee. Helping on her committee are Mrs. Edwin Harnish, Mrs. Amos Cunningham, Mrs. Paul Trimble, Mrs. David DeLong, Mrs David Spangler, Mrs. Murl Aument and Mrs. Clarence Neff.

For several years domestic, fine arts, baked goods and the office have been housed in trailers, and canned goods, beef cattle, dairy cattle, swine, commercial exhibits and food stands in tents. A long range goal of fair officials is to build a permanent structure sometime in the future that would house the office, canned and baked goods, domestic and fine arts. Their idea is not to build an elaborate building but one that could be used for a community building all year around

This is the seventh year for Ken to be general manager of the fair and before that he served one year as assistant general manager. His assistant this year is Samuel Kreider. The general manager gives about a week and a half of his time before, during and after the fair. The tents are set up a week before the fair and he must be there to tell the men where to put them and where to put electrical outlets. He must also see that machinery dealers get located in their rented space outdoors. He, needless to say, must be on hand at all times during the fair to solve the many problems that arise

Exhibits may be entered Tuesday, September 18 from 6:30 to 10 p.m. and Wednesday September 19 until Noon Details are spelled out in the fair catalogs which came out this week Any FFA steer in Lancaster County can be shown at the fair but must be sold there. The committee expects 10 local entries. The dairy committee expects more entries than last year when they had 104 animals.

Most judging takes place Wednesday afternoon. However, dairy cattle judging will begin at 10 a m. Wednesday. Swine will be judged Thursday at 1 p.m and baby beef at 6·30 p.m.

The program committee, with J Everett Kreider as chairman, has arranged some special evening entertainment this year The new president, Robert C. Groff, Quarryville RD3, will officially open the fair September 19 at 7:30 p m. At 8 p.m. the new Solanco Sing Out Group, led by Miss Kay Weaver, Quarryville RD2, will entertain. This will be followed by the Pennsylvania Dutch Humorist Merritt K Freeman of Collegeville.

Thursday at 8 p m. a newly organized eight or nine piece young band under the leadership of Kenneth Myers of New Holland will sing and play musical instruments This will be followed by a Tug-of-War for FFA, firemen, Lions Clubs, agricultural groups and open classes Concluding Thursday nights program will be a trail bike race for three and five horsepower bikes.

Friday night has always drawn a huge crowd and this year will be no exception The large street parade will move from the Legion Park at 6:30 p.m. After the parade the Jacob Brothers of Dillsburg, York County, will furnish music Rural youth awards will be announced at 9 p.m. and the Jacob Brothers will perform again at 9 15 p.m.

Daytime entertainment of interest is a county-wide tractor driving contest for 4-H, FFA and Open Class at 12·30 p.m. Thursday. Another high light of the fair is the baby parade, in charge of Mrs. John Hershey, Quarryville RD2, to be held Friday at 10 a m.

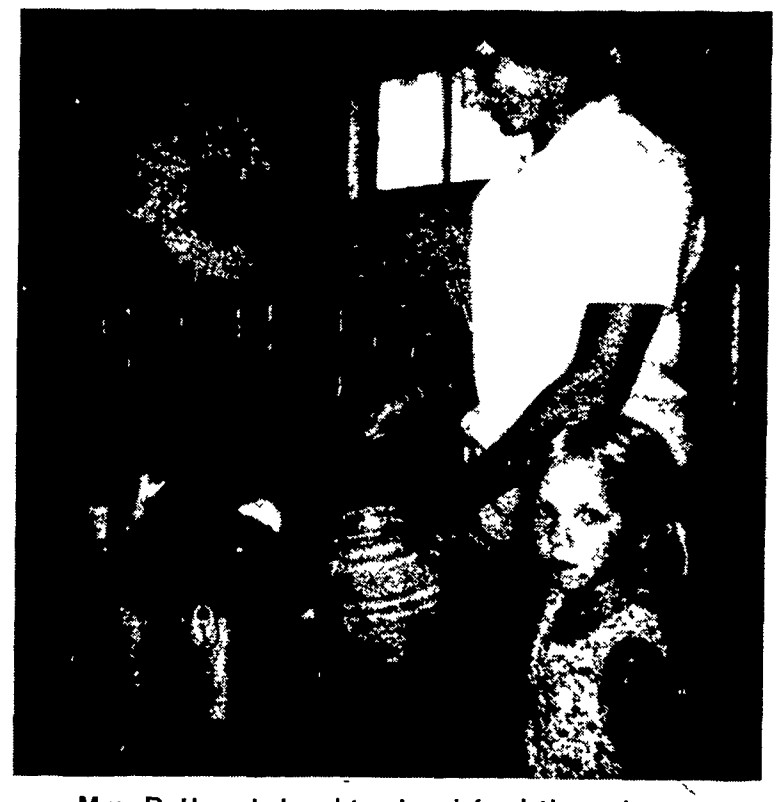
The fat hog and baby beef sale is scheduled at 2 p m Friday.

For the first time since the inception of this fair the Farm Women will not serve food. The Fair Association will have a food tent and can use any volunteer help. Others furnishing food are the Solanco Music Boosters Association, the Quarryville Jaycees, Eastern Star, Quarryville Lions Club and Inter-State Milk Producers.

Ken, Connie and their four year old daughter Lorri and two year old son Philip live on Edgefield Road, just about one mile south of Quarryville off route 472. Ken's

(Continued On Page 56)

Mrs. Kenneth M. Rutt checks the number of senior sewing entries for last year's Southern Lancaster County Community Fair and looks over this year's catalog.



Mrs. Rutt and daughter Lorri feed the calves.

Connie Rutt is at home at her sewing machine where she turns out a lot of clothes for herself and children.

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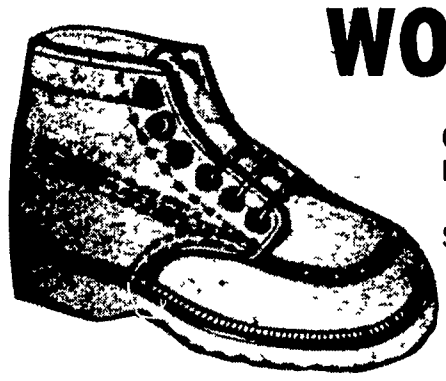

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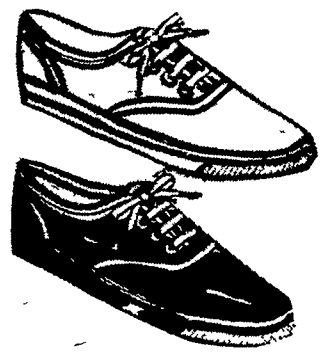

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29c

Rutt's Are Handling

(Continued from Page 54)

parents, Mr. and Mrs. Amos Rutt, also live in a new home on the farm. Amos and his family moved from near New Holland to this farm bought by Ken's grandfather Isaac Hershey in 1952. Amos bought the farm in 1958. Last year he bought a nearby farm from the Jerome Rhoads estate. Their farm name is "Edgefield Farms". They also rent 30 acres from Solanco School Board and farm a total of 290 acres They grow 130 acres of corn, 85 acres of soy beans, 40 acres of alfalfa and 35 acres of barley. They also do some custom mowing of hay for other farmers.

Rutt's keep 60 Registered Holstein cows, about 50 heifers and 30 bulls. They sell a number of the bulls at 12 or 13 months for herd sires. They still have four Ivanhoe animals left in their herd and 95 percent of their animals are related to Ivanhoe. They are in DHIA. Their oldest cow is 13 years old and produced 21,000 pounds of milk. Her twin, which was sold to a dairyman at Morgantown, was grand champion at the Pennsylvania Farm Show about 1965.

Rutts have one full time employee, Harry Strawser, who lives on their other farm, and have a 15 year old cousin from Philadelphia helping this summer. Connie helps at the barn in the evenings to milk and feed calves. She raked and baled some of the hay and baled at least half of the straw this year.

Rutts operate a retail sales business of dairy equipment. They sell the Sputnick for a company in Canada. Amos worked with the company to build the Sputnick so it would be approved by Lower Merion Township for the Philadelphia markets. Rutt's sell in Delaware, New Jersey, Pennsylvania and Maryland and they are the sole distributor of parts in that area. They are also the sole distributor in the United States for the Bray Magnetic Cattle Breeding Calendar which is imported from England. This is an efficiency device and a time saver. They have five men selling for them. Rutts sell them door to door in their spare time. They sold 100 of them the first six months this year. They sell electric half-ton silage carts made in Churchtown, ventillating fans for barns, chicken houses and houses, also feeding equipment and some other equipment. Connie says her job is selling parts.

Connie, the daughter of Mr. and Mrs. J. Marlin Shaffer, who grew up on their Holstein dairy farm at Manheim RD2, was used to farm work. There were three girls and two boys in the family and all worked out on the farm. Besides dairying her father also raised tobacco. He is a trucker now. Connie graduated from Manheim Central High School.

Connie does a lot of baking in her convenient modern kitchen.

She mows the lawn, has a lot of beautiful flower annuals which she tends to, takes care of the vegetable garden, does a lot of freezing and canning, keeps the farm account books, pays bills, is an expert housekeeper and does a lot of sewing.

Connie was in 4-H sewing seven years. She does her own and the children's sewing. She has tailored some things, makes winter coats for herself and daughter, makes drapes and wedding gowns. She did do sewing for other people.

Connie is president of Farm Women Society 31, after being vice-president for two years. She attends Farm Women county board meetings. She went to county and state conventions last year and is on the bazaar committee this year for the county convention. Their society, the newest of the societies in the county, meets once a month in different homes. Some of the programs they've had recently were a safety program, demonstrations on the use of electric blender, candle making, ceramics, and pictures made of flowers. They have food stands at public sales to make money. They donated to the county project, the Welsh Mountain Clinic, this year. Their society had 10 of the members go to the

(Continued On Page 57)

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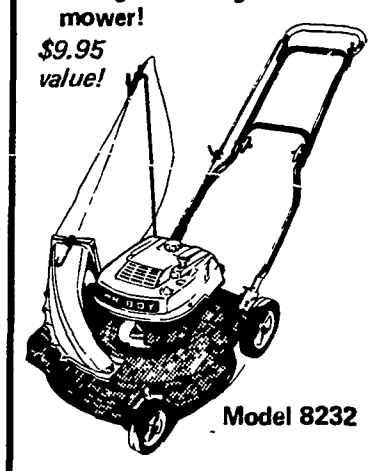

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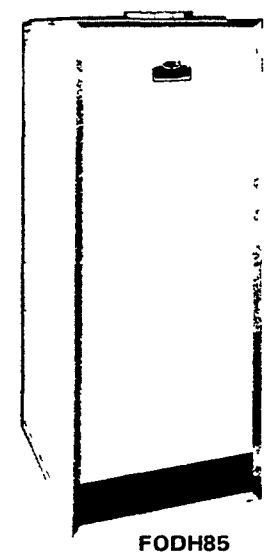

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Kenneth and Connie Rutt. . .

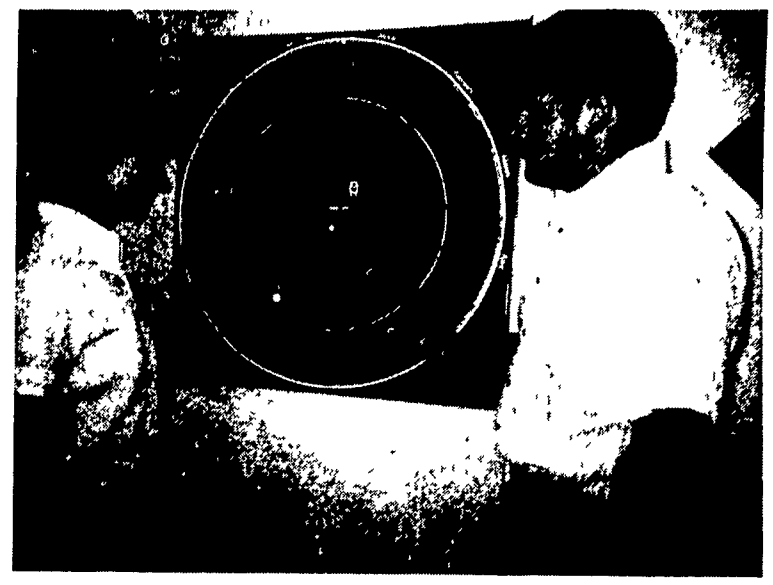
(Continued From Page 56)

state Farm Women spring rally at Johnstown this year and they have sponsored bus trips to Ocean City, N. J. this year and last year.

Rutts are members of Inter-State Milk Producers. Ken was selected as Young Co-operator for District 3 in 1972 and attended a meeting at Hunt Valley Inn where he won second place in the contest. This contest was based one-third on an interview, one-third on farm operation plus inspection of milk equipment, and one-third on a speech. Last August he and Mrs. Rutt were given a week's all-expense paid trip to the American Institute of Cooperation at Iowa State University, Ames, Iowa. He also attended the annual meeting of Inter-State at Philadelphia and milk hearings in Philadelphia and Harrisburg. He is on the Young Farmer Consultant Committee for the next three years.

Kenneth is 4-H leader for the County Holstein Club which has about 115 members this year. He has been leader for four years. He, himself, was in the 4-H Dairy Club and was on the county dairy judging team. He won first place and went to Waterloo, Iowa. In 1964 he was on a team of four in livestock judging. They won in the state competition and went to the International Livestock Exposition for two weeks. The team placed 11th there and he placed 20th individually and received trophies. He also won first place at state, Richmond, Va. and Timmonium, Md. Donald Trimble was his coach.

Ken also was in the swine 4-H Club of which County Agent M. M. Smith was coach. In 1965 he was on the four-member judging team. He was high individual in the state with a perfect score.



Kenneth shows his wife how to use their magnetic breeding calendar.

Kenneth has been a member of the Pennsylvania Farmers Association for three years. He has belonged to Solanco Young Farmers about six years and served as president three years ago. He is serving his second year as public relations director of the Lancaster County Holstein Association, is a member of the state and the Holstein-Friesian Association of America.

Ken has been a member of Quarryville Jaycees for two years and is a director. They have about 50 members. Last year they sponsored the Jaycees Outstanding Young Farmer Contest and he went with the local winner, Robert Kauffman, to the national competition at St. Paul, Minn. Ken is chairman of the contest this year.

Mr. and Mrs. Rutt are active members of the Mechanic Grove Church of the Brethren where they are serving a three year term on the Deacon Board. It is their duty to serve at communion and love feast, and they have 16 families to visit a year. They went to Hill Top the last four years as youth counselors for a weekend. It is for young people from grades seven through 12. Some 180 attended the first weekend of June this year. They helped the Key 73 program in making a church affiliation survey and in giving out the books of Luke and Acts Kenneth was a Sunday School teacher. Connie taught four-year-old children at their Daily Vacation Bible School in June. She is secretary of her young married couples Sunday School class, the Peacemakers Class.

Kenneth and Connie have a trail bike which they ride individually and together and the children like to ride it too. The family enjoys doing things together They like to go to Vermont for a week to ski. They fish in their two farm ponds which are stocked with blue gills and large mouth bass. They have a hunting cabin in Sullivan County where the family goes once in the summer. Kenneth hunts deer there as well as locally.

Mrs. Rutt says "I do some knitting. I like to bake, I like cooking." Some of her favorite recipes are:

Oatmeal Cake

¼ pound margarine
1¼ cups boiling water
1 cup quick oats

Combine and let stand 20 minutes. Then add:

1 cup brown sugar
1 cup granulated sugar
2 eggs (1 at a time)

Beat well and then add

1 1-3 cups flour
½ teaspoon salt
1 teaspoon baking soda
1 teaspoon cinnamon
1 teaspoon vanilla

Bake at 350 degrees for 35 minutes

Topping

(Cake must be cold before topping)

6 tablespoons margarine
½ cup brown sugar
1 cup chopped pecans or English walnuts
¼ cup cocoanut
½ teaspoon vanilla
1 teaspoon water

Combine and heat to a good boil. Spread on cold cake and brown under broiler. Watch closely to keep from burning.

XXXX

Shrimp Dip

Combine:

1 pint sour cream
½ package onion soup mix
1 can (4½ oz.) shrimp, chopped
2 tablespoons chopped sweet pickle
1 tablespoon sweet pickle juice

XXXX

Lime Party Salad

¼ pound marshmallows
1 cup milk

Heat until marshmallows melt. Stir in:

1 package lime jello

Then add:

6 ounce package cream cheese
1 can crushed pineapple

Let cool Then add·

1 cup cream, whipped
¾ cup mayoonaise

Pour into mold and chill until firm

XXXX

Shoo Fly Cake

4 cups flour
1 pound light brown sugar
1 cup margarine
2 cups boiling water
1 cup molasses
2 teaspoons soda

Mix flour, sugar and butter into crumbs. Save 1 heaping cup crumbs for the top. Mix water, syrup and baking soda. Pour crumbs into the mixture and mix well. Pour into greased and floured pan and top with the cup of crumbs Bake at 350 degrees about 45 - 50 minutes or until tooth pick comes out clean.

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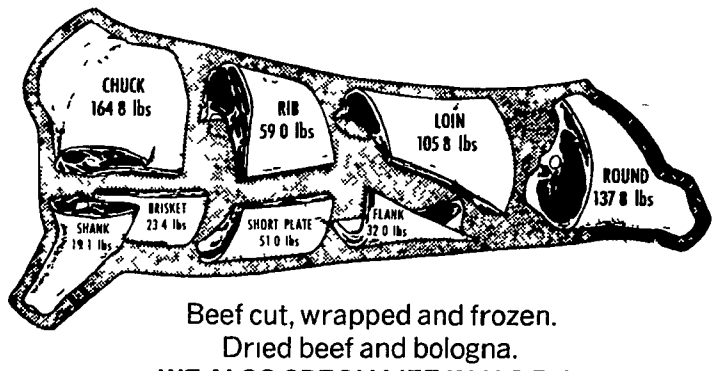

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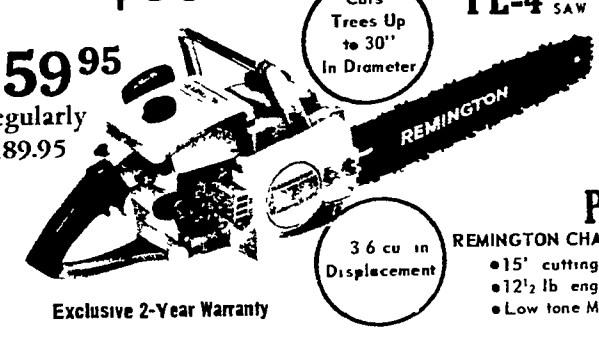

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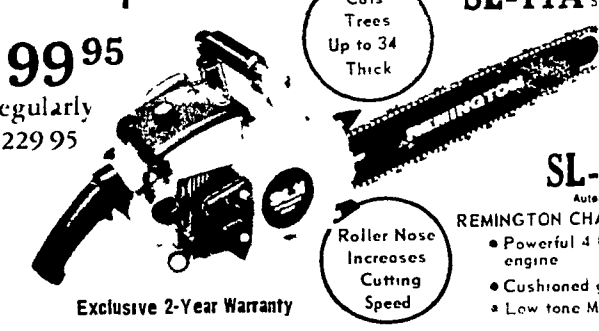

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Recipe Exchange. . .

At Home On The Range

For most of us – young, old and in-between -- the fever pitch of summer is here.

For the younger set, 4-H Clubs have about terminated for another season. Now comes the countdown before school begins - reluctantly for some youngsters, eagerly for others.

For the in-between and older set, the frantic time is here. We scurry daily to keep ahead of the garden, wondering which must be done today, the corn, tomatoes, or limas, and what will keep until another day. Only tomorrow brings the same quandry!

It is time to think about the Fair seasons too, and prepare exhibits to enter.

When you find a few moments to sit down and put your feet up to relax for a few minutes, why not do it with pen and note paper in hand and send a recipe to us? Send a recipe, or recipes, of your choice to: Recipes, Lancaster Farming, Box 266, Lititz Pa. 17543. We'll be sending a colorful potholder your way as our way of saying "Thanks."

Ketchup

Cut up and cook until soft:
1 peck tomatoes

Put in bag or colander and drain about four or five hours. Put pulp through a food mill. Add:
1 pint vinegar
2 cups granulated sugar
2½ tablespoons salt
½ teaspoon allspice
½ teaspoon cinnamon
¼ teaspoon cloves
¼ teaspoon mustard

Boil 15 to 20 minutes.

Mrs. Elmer Wenger
RD2
Manheim

XXXX

Baked Tomato Surprise

8 ounce package cream cheese, softened
2 tablespoons milk
½ teaspoon garlic salt
2 teaspoons celery salt
½ teaspoon salt
4 eggs, beaten
2 cups bread crumbs
8 medium tomatoes

Combine cheese, milk and two seasoned salts. Add salt to beaten eggs. Cut tomatoes in halves. Place one tablespoon cheese mix on half of tomato slice, top with other half. Roll in crumbs and egg till covered well. Bake in greased dish 20 to 30 minutes at 400 degrees.

Mrs. David Z. Wenger
RD1
Leola

XXXX

Streusel Top Fruit Pie

1½ cups all purpose flour (spoon flour lightly into measuring cup, level off)
2 teaspoons sugar
1 teaspoon salt
½ cup cooking oil
2 tablespoons milk

Combine ingredients in order listed to form soft dough. Press evenly in 9-inch pie pan.

Prepare:
4 cups sliced fresh peaches
½ cup powdered sugar
1-3 cup flour

Combine in mixing bowl, mix well, spoon into unbaked crust.

Mix:
¾ cup flour
½ cup firmly packed brown sugar
½ teaspoon cinnamon
1-3 cup butter or margarine (softened)

Combine to form crumb mixture. Spoon over peaches.

Bake at 375 degrees for 40 to 45 minutes, until topping is golden brown.

Miss Marian N. Weaver
RD1
Leola

XXXX

Low Calorie Hot Dish

1 small head cabbage
1 pound hamburger
1 small onion, minced
1-3 cup rice, uncooked
1 can tomato soup
1 soup can water

Chop cabbage in large pieces, place in bottom of greased baking dish.

Brown meat and onion. Pour off fat and stir in raw rice. Place meat mixture on top of cabbage and cover all with tomato soup and water.

Bake in preheated 350 degree oven for at least one hour. Watch that it doesn't get too dry.

Sausage or chops may be substituted.

Mrs. Menno Gruber
Bainbridge

XXXX

Applesauce Pecan Pie

4 tablespoons soft butter,
2 cups brown sugar
6 eggs, well beaten
1½ cups molasses
¼ teaspoon salt
2 teaspoons vanilla
1 cup applesauce
½ teaspoon cinnamon
2 cups nuts

Bake at 350 degrees for 50 minutes. Makes three pies.

Miss Mary Hoover
RD1
Denver

XXXX

Whoopie Pies

½ cup shortening
1 cup brown sugar
2 eggs
1½ cups flour
½ teaspoon salt
1 teaspoon soda
½ cup cocoa
½ cup milk
1 cup coconut
1 teaspoon vanilla

Drop by teaspoons onto a greased baking sheet. Bake at 375 degrees for 10 to 12 minutes. Put icing between two cookies when cool. Makes 3½ dozen.

Filling

1 cup milk
3 tablespoons flour

Cook till thick, cool. Add:
½ cup vegetable shortening
1 cup sugar
1 tablespoon vanilla

Beat 10 minutes.

Alta W. Weaver
RD1
New Holland

XXXX

Queen Elizabeth Cake

Pour one cup boiling water over one cup of chopped dates and one teaspoon soda. Let stand while the following is mixed in usual manner:
1 cup granulated sugar
¼ cup butter
1 egg
1½ cups sifted flour
1 teaspoon vanilla
1-3 teaspoon salt
1 teaspoon baking powder

(Continued From Page 60)

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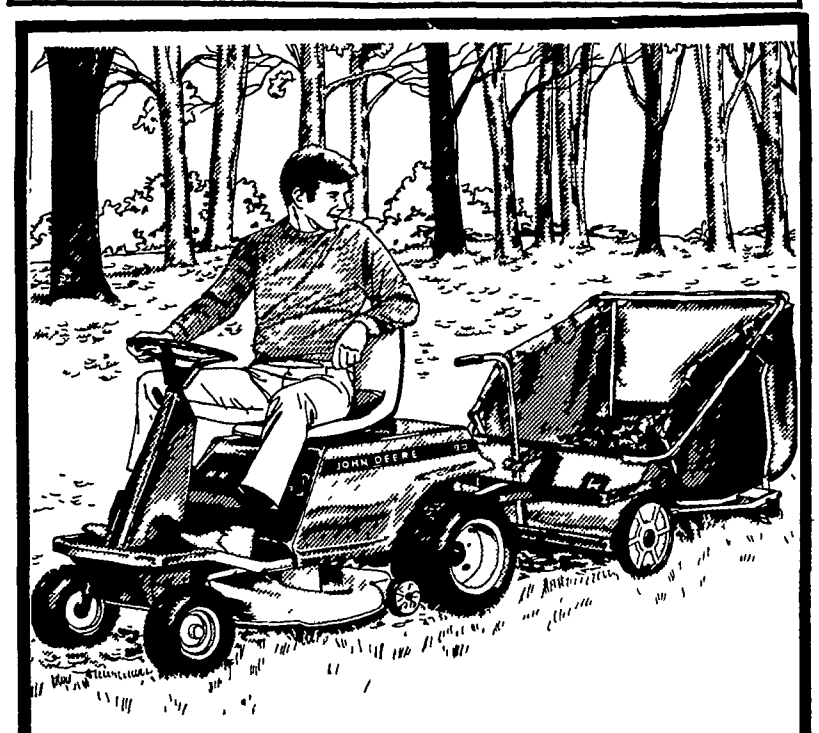
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Planning Child's Leisure Time

"Mommy, there's nothing to do". What's your solution to this problem? Jim Van Horn, Penn State Extension family life specialist, offers these suggestions.

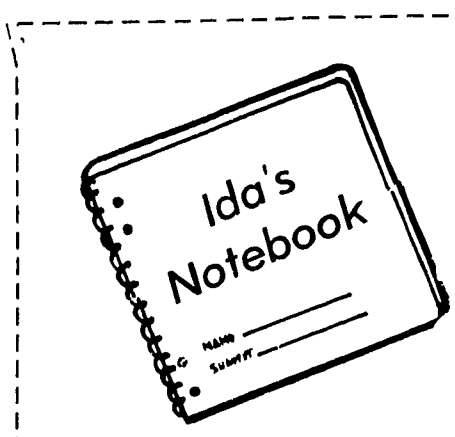
Consider how your child is feeling. Your child's body and state of mind are clues to the kind of play he needs. If he is sick or tired, he'll probably be happier in simple types of play. If he is bored, he may need a new or more complex toy or game to keep his attention.

It helps to alternate quiet and active play periods. After coloring with crayons, which requires concentration and control of hand and eye muscles, a child might enjoy an active game such as a potato race or playing ball.

Almost every child needs help getting started in play, even when he is playing with something familiar. After you set out the materials you could play with him for a few minutes. Your enjoyment can stimulate his interest.

Be generous with praise; it helps a child develop a good self image. It doesn't really matter that the bike wobbles or that the mud pie is runny--you can always find something that deserves praise.

Try to keep in mind what play is all about. It is not just "busy work" to fill up time Through play, a child learns what the work world is. He experiments with everything he does. Play is an outlet for troubled feelings and overflowing energy It teaches the basic techniques of problem solving and belonging to a group.



Ida Risser

Decisions! Decisions! What to harvest first from the garden -- to pull the sweet corn and freeze it or to sell some? Or should the green beans be picked; but that is such a backbreaking job.

Then there are the cucumbers to be pickled and the limas to be shelled. Oh yes, the bushel of tomatoes should be made into juice. What to do first?

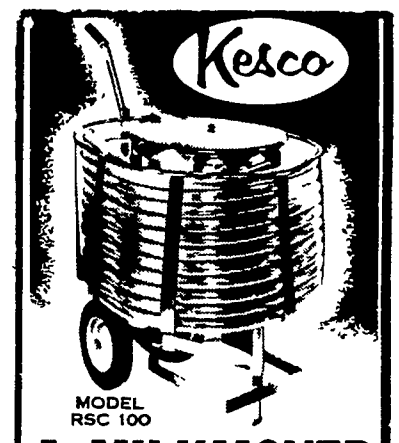
I've just made a decision! While Cindy is away at Bible School and the house is quiet as everyone else is away at work, I'll sit down and write my notebook for this week. I prefer to write it in the morning before I'm tired from the above mentioned work. Hey, it's almost finished already.

XXXX

This spring we bought several pigs for Philip and Cindy to raise as a 4-H project. Recently they got out of their pen for the last time -- and promptly got lost in the tall, tall corn. But they couldn't keep quiet so they were found and loaded on the pickup truck - no small job in itself Their Daddy told the children they washed 10 pounds of dirt off them before they were glistening clean for the Show.

For days ahead of the Sale, our small fry were figuring how much would be left after paying a couple hundred for the animals and the feed. Their hopes were realized as they got 58 cents a pound instead of 18 cents a pound, which some of their older brothers and sisters received in years past.

Now the problem is how much to save and how much to spend



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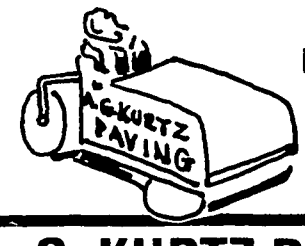

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Recipe Exchange. . .

At Home On The Range

(Continued from Page 58)

½ cup nuts

Add these ingredients to the above mixture and pour into a 9x12 inch pan. Bake at 350 degrees for 35 minutes.

Icing

5 tablespoons brown sugar
5 tablespoons cream
2 tablespoons butter

Boil three minutes.

Mrs. J. Z. Martin
RD1
East Earl

XXXX

Molasses Sticky Buns

¾ cup milk, scalded
1-3 cup sugar
1-3 cup butter
1 teaspoon salt
2 packages active dry yeast
1-3 cup warm water (110 to 115 degrees)
1 egg
4 cups sifted flour
¼ cup molasses
½ cup brown sugar, firmly packed
1-3 cup butter
½ cup chopped pecans

Combine milk, sugar, 1-3 cup butter and salt in bowl. Cool to lukewarm.

Dissolve yeast in warm water. Add yeast, egg and one cup flour to milk mixture. Beat until smooth. Gradually add enough flour to make a soft dough. Turn onto floured surface and knead until satiny. Place in greased bowl; turn dough over to grease top. Cover; let rise until doubled.

Combine molasses, ½ cup brown sugar and 1-3 cup butter. Heat until butter melts. Spread mixture in two greased 9-inch cake pans. Springle with pecans.

Combine one cup brown sugar, raisins, and cinnamon; set aside.

Divide dough in half. Roll each half into 12x18 inch rectangle. Sprinkle with half of the sugar mixture. Roll up like jelly roll, starting at long side. Cut into 12 slices.

Arrange in prepared pans. Let rise until doubled (30 minutes.)

Bake at 350 degrees for 25 minutes or until golden brown. Invert pans on plates, remove, cool. Makes 24.

Vera Zeiset
RD2
East Earl

XXXX

Apple Fritters

2 cups flour
1 cup milk
1 teaspoon baking powder
Pinch salt
4 eggs, seperated
4 peeled apples, diced

Beat egg whites with 1 tablespoon sugar. Put in last. Fry in hot deep lard or oil.

"You may sugar We like ours plain and eat with molasses."

Mary Ann Brubaker
RD1
Leola

XXXX

Potatoes with Cabbage

½ pound salt pork or ham
½ large head cabbage, chopped
6 medium sized potatoes
1 teaspoon salt
1 dried red pepper or a little red cayenne pepper

Cook meat until almost tender. Add chopped cabbage and cook three minutes. Then add potatoes cut in one-inch cubes. Add salt and pepper and cook 20 minutes longer Serves 6.

Janice Martin
Age 10
RD4
Lititz

XXXX

Corn Fritters

6 ears corn (frozen corn may be used)
5 eggs
4 tablespoons sugar
1 teaspoon salt
1 teaspoon baking powder
2 tablespoons cornstarch

Fry in frying pan over medium heat in oil.

Also: More corn may be used if desired.

Mrs. Gordon Arment
RD2
New Holland

XXXX

Bar-B-Qued Hamburger

2 pounds hamburger
1 teaspoon salt
1½ teaspoons worcestershire sauce
¾ cup water
1 onion
¾ cup catsup
1½ tablespoons brown sugar
1½ tablespoons vinegar

Brown hamburger and onion in pan. Mix other ingredients and bring to a boil. Mix with hamburger.

Violet W. Martin
RD1
New Holland

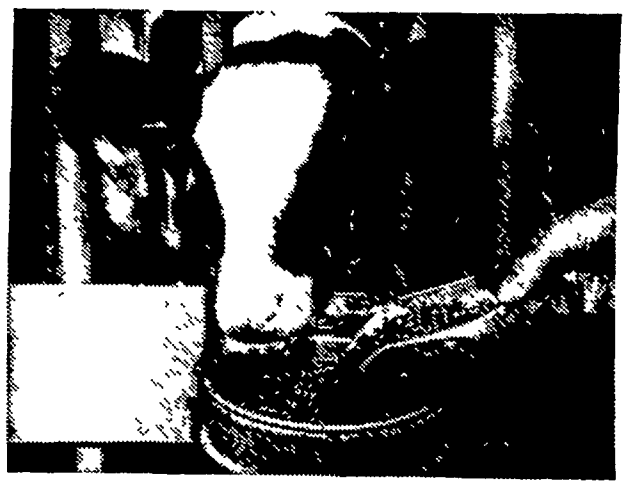
Commonwealth Bank Advances in Size

The July 31st edition of American Banker listing the 300 largest banks in the United States will show that Commonwealth National Bank has advanced from 183rd to 179th place in rank.

A recent announcement of figures for the first six months of 1973 showed record results for assets, deposit, loans and earnings. Net earnings increased by 12.1 percent to 1,900,444 or $1.36 per share.

Commonwealth National's total assets as of June 30, 1973 were 522,054,152.

GOOD CALF GROWTH PAYS OFF



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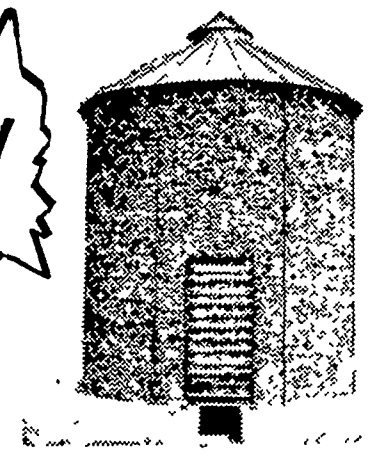

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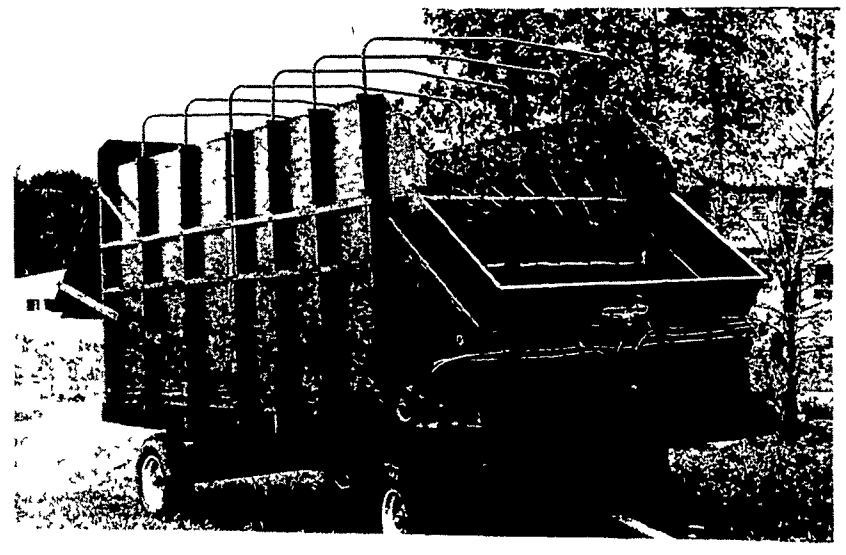

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Frequent, Uniform Mowing Helps Grass

By Dr. William H. Daniel

Perhaps no homeowner's task is more taken-for-granted than mowing the lawn.

But unless you follow a few simple techniques and understand how mowing can help your lawn, you can defeat your purpose in having a nice looking, tight and dense lawn.

Before reviewing specific lawn mowing pointers let's briefly review why frequent uniform mowing is desirable. Repeated mowing weakens tall grasses and big weeds so new grass plants have a chance to grow and get sun. In addition, your lawn helps regulate crabgrass and other weeds.

Change Path Regularly

Begin by mowing around the exterior of your lawn and do not cut the center until last. Reverse the starting direction of the exterior cut every time you mow your lawn. After you've mowed the exterior, begin a normal cross-lawn cut. Every time you cut your lawn mow it in a totally different direction so the grass is never forced to grow in one direction. By altering your mowing pattern, your lawn will be more uniform and take on a picturesque appearance.

How high should you cut your lawn? The rule of two inches for common bluegrass, fescues and ryegrasses had merit when disease and drought were common. Today newer bluegrass can be mowed less than one-inch when disease has been avoided and density is maintained. Southern grasses, including bermuda and zoysia, can be cut one-fourth to three-fourths inches high. Such grasses have underground roots and can look rugged unless closely trimmed.

A rule of thumb is to cut your grass before the length of clippings exceed the height of the cut. For example, on two-inch bluegrass, you would cut it weekly or about 16 times per year on the average in the Midwestern United States. If in doubt, cut the grass a little higher, more frequently and with well-sharpened blades. A dull blade will rip, tear and beat grass. Within limits, higher mowing favors deeper roots, gives more drought tolerance and generally permits less weed infestation.

It's not uncommon to have thicker grass when healthy grasses are cut close and often. Many lawn specialists are rewriting lawn care rules toward shorter cuttings because of new grass varieties, automatic irrigation, fungicide protection and special lawn programs. Yet if disease or stress occurs, the turf is more subject to damage when cut short.

Nutrients Can Recycle

Experiments have proven that repeated mowing can remove up to 50 per cent of the nutrients applied, especially nitrogen. So if you use a lawn bag to catch clippings you should use additional fertilizer to compensate for the loss of nutrients. Otherwise, your lawn could become weak and less resistant to weeds or disease.

If you leave grass clippings in your lawn nutrients can recycle in place, but you also run the risk of building up thatch and increasing the disease incidence.

Rotary mowers, especially self-propelled machines, can save you time in mowing your lawn and also are economical, adaptable and dependable. But never leave your rotary mower running unattended on your lawn. Not only is it unsafe, but the constant rotation of the blade in one place can damage the grass.

Adjusted and sharp reel mowers can give a better clipped leaf tip and an array of of them are used by professional turf managers on golf courses and parks. However, rotary mowers are a wise choice for the average home owner. Remember that grass is a manufacturing plant and its leaves produce carbohydrates for other leaves, the crowns and roots. Thus, you must take care to avoid scalping, disease or poor mowing habits if you want a thick, green lawn.

Gasoline Dangerous for Starting Fires

There are many reasons for not using gasoline to start barbecue fires, cautions the Cooperative Extension Service Farm and Home Safety Committee of The Pennsylvania State University. Kerosene is safer although extreme care should be taken when any liquid fire starter is used. On hot days a liquid starter can vaporize in the pit and explode when lighted. Remember not to add liquid fire starters to a burning fire - this is also very dangerous.

Watch Children Playing in Water

Keep a sharp eye on children playing in water. They can chase wind-blown floating toys or wade into perilous depths within seconds, cautions the Cooperative Extension Service Farm and Home Safety Committee of The Pennsylvania State University.

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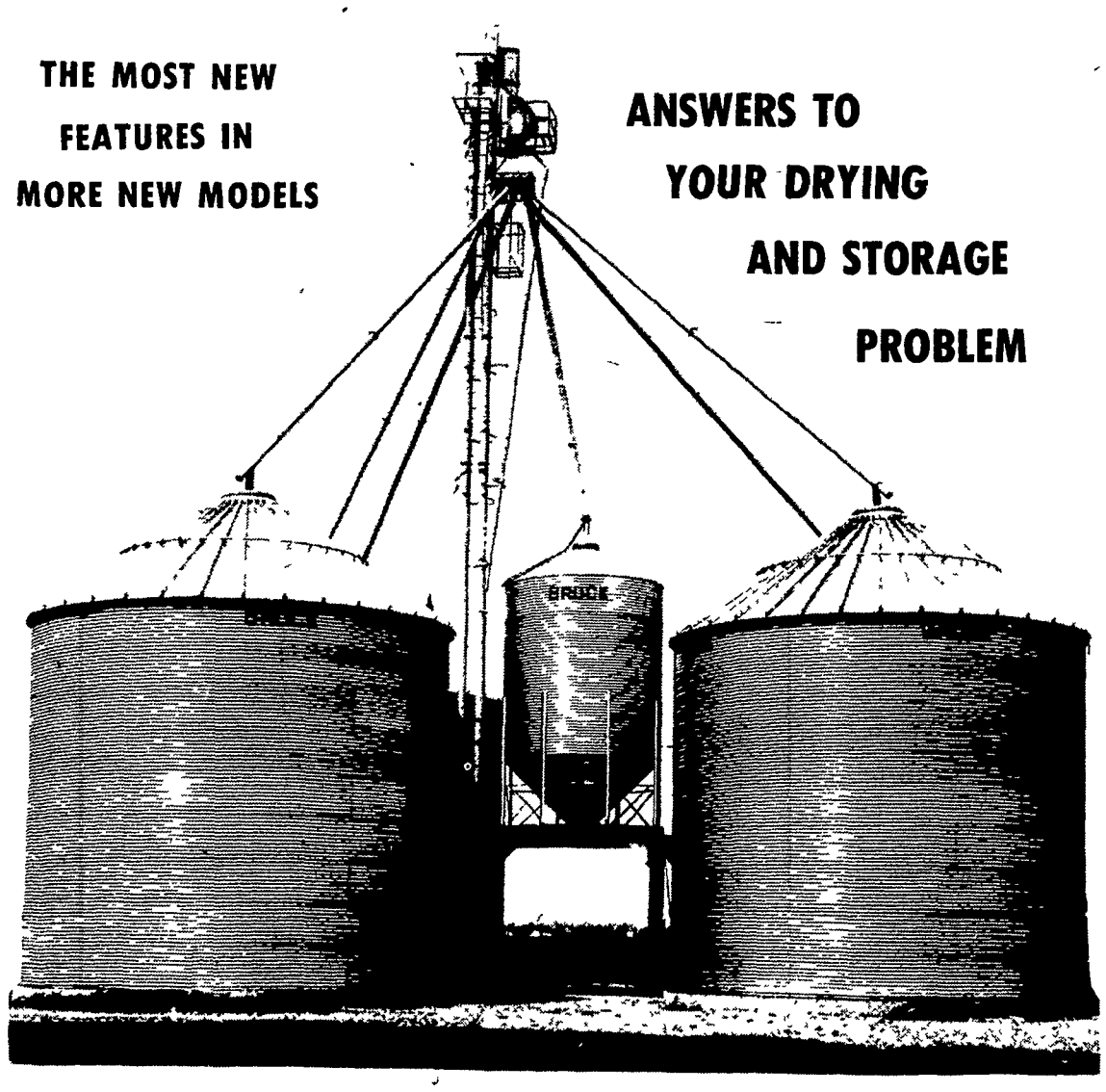

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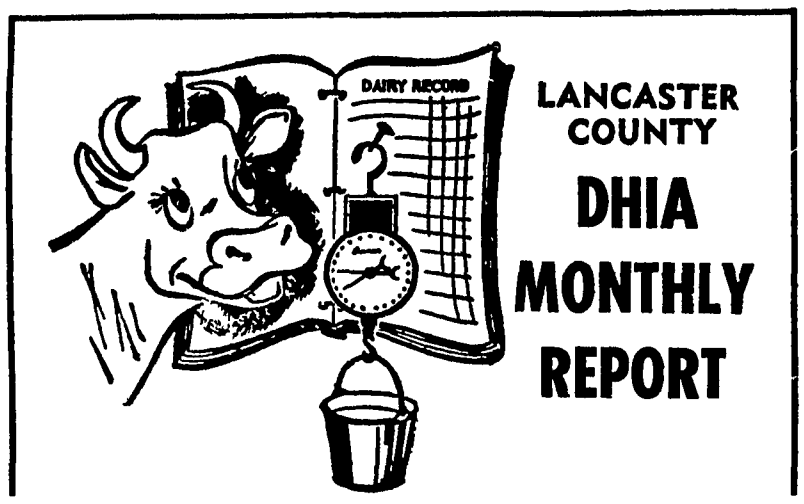


A Registered Holstein cow owned by S. R. Shellenberger, Mt. Joy RD1, completed the highest 305 day lactation. Ione produced 24,507 pounds of milk, 962 pounds of butterfat with a 3.9 percent test. Second high lactation was completed by a Registered Holstein cow owned by J. Mowery Frey Jr., Beaver Valley Pike, Lancaster. Rochele produced 18,858 pounds of milk, 828 pounds of butterfat with a 4.4 percent test in 305 days.

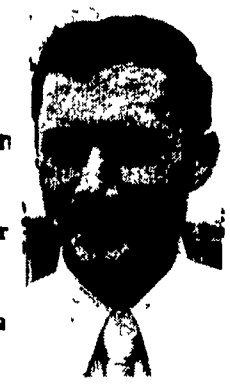
The herd of J. Z Nolt, Leola RD1, had the highest daily butterfat average. This herd of 35.4 Registered Holstein cows averaged 53.5 pounds of milk, 1.89 pounds of butterfat with a 3.5 percent test. The herd of Rufus G. Martin, Ephrata RD3, placed second. This herd of 24.5 Registered Holstein cows averaged 51.3 pounds of milk, 1.83 pounds of butterfat with a 3.6 percent test.

FIRST 305 DAYS OF LACTATION WITH 640 OR MORE POUNDS OF BUTTERFAT

Owner Name	Breed	Age	Days	Milk	Test	Fat
S R. Shellenberger						
Ione	RH	5-10	304	24,507	3.9	962
Debbie	RH	10-2	305	20,178	4.1	818
J Mowery Frey Jr.						
Rochele	RH	7-6	305	18,858	4.4	828
Joanna	RH	8-8	305	18,575	4.2	779
Bennie	RH	5-5	305	13,130	5.3	694
Countes	RH	7-9	305	18,125	3.6	654
Elmer E. Kauffman						
Kaye	RH	4-6	305	21,127	3.9	822
Henry B. Leaman						
Hinky	GrH	6-10	305	16,821	4.8	814
Titus B. Stoner						
Roseann	RH	3-4	293	19,367	4.2	812
Allen Lee Stoltzfus						
Prilly	RH	8-5	305	18,478	4.4	807
Dill	RH	7-0	305	17,915	3.9	705
Arlene	RH	6-5	296	16,241	4.0	655
Reuben Z. Smoker						
Bonnie	RH	7-5	305	19,459	4.1	806
Reba	GrH	5-11	305	16,729	4.3	724
Harry S. Aungst						
Missy	RH	6-10	304	15,673	5.1	806
John B. Groff						
Lisa	GrH	5-4	293	19,701	4.1	802
Fran	RH	3-1	305	14,962	4.4	661
Rufus G. Mattin						
35	RH	9-9	271	19,923	4.0	790
John L. Beiler						
Irma	GrH	5-5	305	19,082	4.1	790
Curtis E Akers						
Vickie	RH	4-0	305	18,947	4.2	790
Pete	RH	9-8	305	18,049	4.1	731
Henry & Paul Martin						
Vida	RH	6-9	305	22,964	3.4	785
Bell	RH	4-8	305	21,088	3.5	742
Samuel F. Long						
Dixie	GrH	6-1	305	22,035	3.6	783
Walter E. Mowrer						
9	GrH	9-1	305	22,654	3.4	778
Jonathan B. Lantz						
Mead	RH	5-2	305	21,512	3.6	768
Quarryville Presbyterian Home & Vernon Weaver						
187	RH	4-10	305	19,151	4.0	768
Ernest J. Sauder						
Ollie	RH	6-1	303	15,257	5.0	768
Dawn	RH	4-7	305	14,489	4.4	640
Paul B Zimmerman						
Lavon	RH	4-9	305	19,042	4.0	764
J Z. Nolt						
VDesign	RH	4-8	303	18,840	4.0	761
Albert E Fry						
Blkanna	RH	6-9	305	18,203	4.2	760
John S Yost						
Taffy	RH	4-1	305	14,933	5.1	760
Moe	RH	4-1	305	15,021	4.6	689
Aaron K Stoltzfus						
Mellie	RH	6-0	305	18,259	4.2	758
Fayne	RH	6-4	305	16,691	4.1	692
Melvin M Groff						
Kay	GrH	6-1	305	18,565	4.1	754
John Omar Stoltzfus						
Rose	RH	5-3	305	20,495	3.6	745
Mary	RH	4-10	305	19,031	3.6	685
Mae	RH	3-4	305	15,560	4.2	649
Paul W. Zimmerman						
66	GrH	3-10	305	16,432	4.5	744
43	RH	4-11	305	19,229	3.5	678
H. Landis Weaver						
Kingpin	RH	4-2	305	19,454	3.8	743
Crystal	RH	7-0	305	17,185	3.8	658
Earl N. Landis						
Marian	GrH	3-3	305	17,804	4.2	741
Dixie	RH	11-5	296	15,151	4.4	663
John. U. Glick						
Fern	RH	8-1	305	20,071	3.6	727
Sidney	RH	6-5	305	16,128	4.2	673
Nelson H. Hershey						
Polly	RH	3-7	305	18,726	3.9	724
Ja Jean Dairy Farm						
Emma	RH	3-10	305	18,269	4.0	723
Roy H. & Ruth H. Book						
Gloria	RH	7-11	305	17,712	4.1	721
Dolly	RH	7-8	257	17,884	3.7	658
Ivan Zook						
11	GrH	7-0	305	18,613	3.9	719
John & Elam Rutt						
Alice	RH	5-0	293	16,068	4.5	718
Edwin J. Landis						
Echo	GrH	9-0	305	15,727	4.6	717
Lady	RH	4-3	305	14,641	4.4	640
Galen W. Crouse						
Petula	RH	3-8	305	19,702	3.6	715
Mistress	RH	4-1	305	16,167	4.2	675
Lloyd Wolf						
Hayseed	RH	9-2	293	15,975	4.4	709
Glenn C. Hershey						
Faith	RH	5-11	305	19,595	3.6	706
Ralph Myer & Sons						
Jane	RH	3-1	305	16,742	4.2	705
Dixie	RH	5-11	305	18,501	3.7	687
Inky	GrH	5-5	267	16,136	4.1	664
Dale E. Hiestand						
Diana	RH	7-9	305	18,085	3.9	704
John U. Lapp						
Reba	RH	4-3	305	18,043	3.9	703
Jay C Garber						
Horndal	RH	5-3	273	16,351	4.3	703
Christian Zook						
Grace	GrH	7-0	305	18,021	3.9	701
Lily	RH	5-1	305	18,276	3.6	662
Marvin S. Nolt						
94	GrH	4-1	305	19,851	3.5	700
Herbert & Rhelda Royer						
Button	RH	6-9	305	19,192	3.6	697
Earl L. Hershey						
122	RH	7-6	305	17,486	4.0	693
Raymond & Louise Witmer						
Elise	RG	7-10	305	14,042	4.9	690
Abner K. Glick						
Gerben	RH	5-5	305	16,637	4.1	689
B. F. & Mary Eshelman						
Sall 104	RH	3-7	280	15,449	4.4	685
John M. Smucker						
Nancy	RH	4-1	305	17,162	4.0	684
John E. Kreider						
Beezy	RH	5-11	305	15,783	4.3	681
Maurice F Welk						
Louise	RH	5-2	305	15,044	4.5	679
Penny	GrH	6-1	305	17,690	3.8	667
J. Arthur Rohrer & Sons						
Ruby	RH	4-5	278	14,425	4.7	679
Margie	RH	6-7	305	16,608	3.9	654
LeRoy S. Smucker						
Fern	RH	3-10	305	20,614	3.3	678
Christ L. Beiler						
Ella	RH	4-7	305	18,441	3.7	678
Aaron S. Beiler						
Spruce	RH	5-7	302	15,856	4.3	677
Earl E. Martin						
Beauty	RH	10-10	305	14,999	4.5	677
Susan	RH	4-6	297	16,629	3.9	642
Robert & Richard Landis						
Blossom	RH	4-1	305	17,505	3.9	676
Parke H. Ranck						
Margie	RH	3-1	305	13,886	4.9	675
Walnut Run Farm						
Barb	RH	3-9	305	18,853	3.6	674
Samuel K. Stoltzfus						
Naomi	GrH	2-10	305	18,101	3.7	674
Arthur P. Sweigart						
Lucky	RH	3-3	305	15,382	4.4	674
Albert Breneman						
Hazel	RH	5-1	305	19,513	3.4	673
Elmer H Weber						
Luci	GrH	5-3	305	17,966	3.7	672
Dr. James D. Cox						
20	GrH	4-2	305	14,531	4.6	672
J. Rohrer Witmer						
Flora	RBrSw	4-3	305	13,705	4.9	670
Ginger	RBrSw	6-5	305	14,963	4.3	640

(Continued On Page 63)

Facts for Dairymen



by N. Alan Bair
Assistant County Agricultura Agent

Add Protein To Corn Silage

The high cost of protein supplements makes it imperative for farmers to add urea or another NPN source to their silage as it is ensiled. The addition of 10 pounds of urea per ton of whole plant material ensiled may boost the content of crude protein equivalent to 12-13 percent on a dry matter basis. This means that a dairy feed with a 14-15 percent crude protein or less could be used in many cases, depending upon the protein content of any other forages fed simultaneously.

It is important that the moisture content of the corn silage be in the range of 63-72 percent at ensiling, if urea or other NPN sources are to be added. Material that is too wet may result in heavy seepage losses of the additive. Too wet or dry material also may lead to more problems with abnormal fermentation. This could reduce forage intake. Preferably the material ensiled should contain 65-70 percent moisture.

Commercial urea-mineral mixtures, liquid anhydrous ammonia or commercial liquid supplements with anhydrous ammonia may be used in place of urea if economical. Whatever material is used should be applied at a rate to provide about 4.5 pounds of actual nitrogen per ton of whole corn plant ensiled.

During the ensiling process some proportion of the non-protein nitrogen added may be converted to more complex nitrogen forms which aid utilization. The addition of NPN at ensiling also reduces the strain on palatability of grain mixtures, which may occur when all urea or added NPN comes by grain feeding. Depending upon the remainder of the forage ration, some amounts of NPN often can still be provided through the grain mix or liquid protein supplement when urea or NPN-corn silage is fed.

Use of forage testing and feed programming can help farmers capitalize on the feeding of NPN-corn silage. Such help is available through The Pennsylvania State Forage Testing program among other sources.

Whole Milk For Calves

A calf raising survey from 545 Pennsylvania herds showed that about one-fourth of the dairymen were feeding whole milk to calves. In those herds the death loss of calves averaged about 5 percent less than in herds where a milk replacer was fed to calves.

This does not imply that all milk replacers are poor calf food. Some formulas are better than others and many dairymen obtain excellent results when feeding a milk replacer. The feeding of whole milk does not guarantee absence of calf loss because there are factors other than this type of liquid feeding program that contribute to death loss.

However, when problems exist in keeping young calves alive and, you are not feeding whole milk, you might consider switching to it. The protein quality may be better, the fat content higher and milk solids level above that in most any replacer you can purchase. All these are factors that contribute to animal health.

USDA Abandons Brucellosis Goal

Less than two years ago, U S. Secretary of Agriculture Butz

(Continued From Page 63)

Facts For Dairymen

(Continued From Page 62)

firmly committed his department to eradication of brucellosis in the U. S. by the end of 1975. Recently, it was announced that the goal was "reluctantly dropped", and figures were released which show that brucellosis has actually been making a comeback in the past year. The number of infected herds has increased three percent since 1971.

Several major problem areas are contributing to the present dilemma. About 26 percent of all the infected herds found are in Texas. Another 37 percent of the infected herds were found in three states: Mississippi, Louisiana and Oklahoma. Another seven states: Alabama, Arkansas, Kansas, Georgia, Kentucky, Florida and Tennessee account for an additional 25 percent. Thus, 88 percent of all the brucellosis infected herds are found in 11 states. Of these states only two showed any measurable progress in eradication.

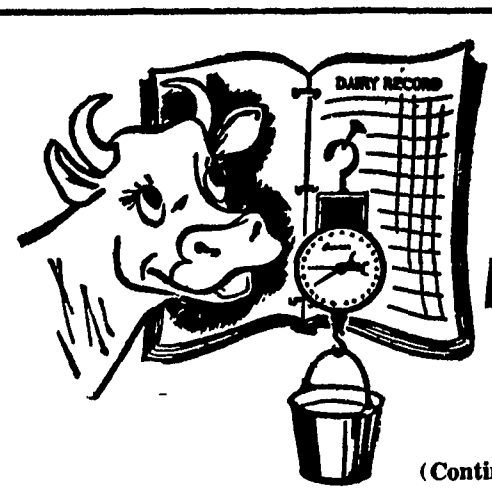
At the end of 1972 only nine counties in the U. S. lacked any type of brucellosis certification. Eight of those counties had reached modified certified status but failed to follow through with the program. One county, Nueces County, Texas, has the distinction of being the last U. S. county to do anything about brucellosis.

This announcement was recently made by Dr. Samuel B. Guss, Extension Veterinarian at Penn State University.

+ + +

Century Plant

The name century plant for the agave came from the mistaken idea that the American century plant blooms only once in 100 years. Some kinds flower every year and others at longer periods, but none blooms so rarely as once a century.



LANCASTER COUNTY DHIA MONTHLY REPORT

(Continued From Page 62)

John L. Landis						
Pet 26	RH	7-1	305	20,234	3.3	669
Abraham Shelly Jr.						
White	GrH	6-6	283	16,546	4.0	669
Wilmer G. Kraybill						
Margie	RH	5-10	305	20,630	3.2	668
Luretta	RH	4-10	305	16,637	4.0	667
Edward S. Glick						
42	RH	5-4	305	18,011	3.7	668
Arlene S. Longenecker						
Jean	RH	6-7	305	14,467	4.6	667
Jonas E. Zook						
Cindy	RH	3-6	283	15,725	4.2	665
D. George Beiler						
Rebecca	RH	3-10	305	15,319	4.3	665
Faye	RH	6-2	305	14,963	4.4	660
Luke Ray Zimmerman						
50	RH	6-4	267	17,249	3.8	664
Ellis D. Kreider						
50	GrH	4-7	295	15,119	4.4	664
Hiram S. Aungst						
Maggie	RH	5-8	305	16,301	4.1	663
Martin E. Ressler						
Star	RH	6-0	305	16,551	4.0	661
James T. Miller						
Bertha	RH	8-6	305	17,598	3.8	660
Harold L. & Don Risser						
Dixie	RH	5-2	304	15,730	4.2	656
Elvin Hess Jr.						
Gem	RH	4-7	305	15,411	4.3	656
Moses N. Good						
Marie	RH	7-9	305	14,196	4.6	656
John U. Stoltzfus						
Wassy	GrH	5-5	305	16,194	4.0	654
Aaron S. Glick & Sons						
22	RH	4-2	305	18,904	3.4	651
Willis M. Martin						
Linda	RH	3-2	305	17,692	3.7	651
Elmer S. Stoltzfus						
Bonus	RH	3-2	255	15,798	4.1	650
Red Rose Research Center						
Bertha	RH	4-2	305	21,635	3.0	649
Isaac E. Hostetter						
Bess	GrH	5-11	305	15,594	4.2	649
John B. Stoltzfus						
Rachel	GreH	5-3	305	16,626	3.9	648
Reid & Holloway						
50	GrH	5-11	305	15,340	4.2	648
C. Robert Greider						
Joette	RH	4-8	305	17,515	3.7	645
Clair M. Hershey						
Greta	RH	6-11	305	17,484	3.7	644
LeRoy M. Oberholtzer						
Lady	GrH	4-5	305	17,166	3.8	644
Martin H. Good						
Lady	GrH	6-10	305	15,256	4.2	644
Melvin H. Ranck						
Janice	RH	8-10	305	19,643	3.3	642
Ezra M. Martin						
Susan	RH	4-2	305	16,832	3.8	642
C. Nevin Hershey						
Dixie	RH	5-4	305	18,299	3.5	640
Sam & Allen Kreider						
Franny	GrH	5-9	305	15,687	4.1	640
J. Wilmer Eby						
Pepper	RG	5-0	305	14,261	4.5	640

HIGH DAILY BUTTERFAT AVERAGES

Name	Breed	Days On Test	No. Cows	% Cow Days In Milk	Milk Lbs.	% Test	Fat Lbs.
J. Z. Nolt	RH	33	35.4	91.8	53.5	3.5	1.89
Rufus G. Martin	RH	33	24.5	90.4	51.3	3.6	1.83
Harvey W. Stoltzfus	RH	26	46.3	94.8	44.4	4.1	1.82
Hiram S. Aungst	RH	32	44.7	88.7	43.9	3.9	1.70
J. Kenneth Hershey	R&GrH	32	46.8	92.7	45.4	3.7	1.68
C. Robert Greider	R&GrH	29	59.4	95.5	50.6	3.3	1.67
Lloyd H. Ranck	R&GrH	28	47.7	87.0	44.0	3.8	1.67
Amos M. Stoltzfus	RH	36	30.9	90.4	44.7	3.7	1.66
Tom Zartman	R&GrH	36	30.7	87.2	41.8	4.0	1.66
Albert E. Fry	RH	33	31.0	89.5	42.5	3.9	1.65
J. Floyd Kreider	R&GrH	31	44.6	89.2	45.3	3.6	1.65
Elmer S. Stoltzfus	R&GrH	31	41.0	93.2	44.6	3.7	1.63
Alvin K. Bollinger	RH	29	18.1	90.5	42.6	3.8	1.62
Ammon E. Reiff	R&GrH	32	26.0	85.9	44.9	3.6	1.62
Glenn C. Hershey	RH	27	28.6	94.8	42.2	3.8	1.61
Ben S. Stoltzfus	R&GrH	31	41.9	84.7	42.4	3.8	1.61

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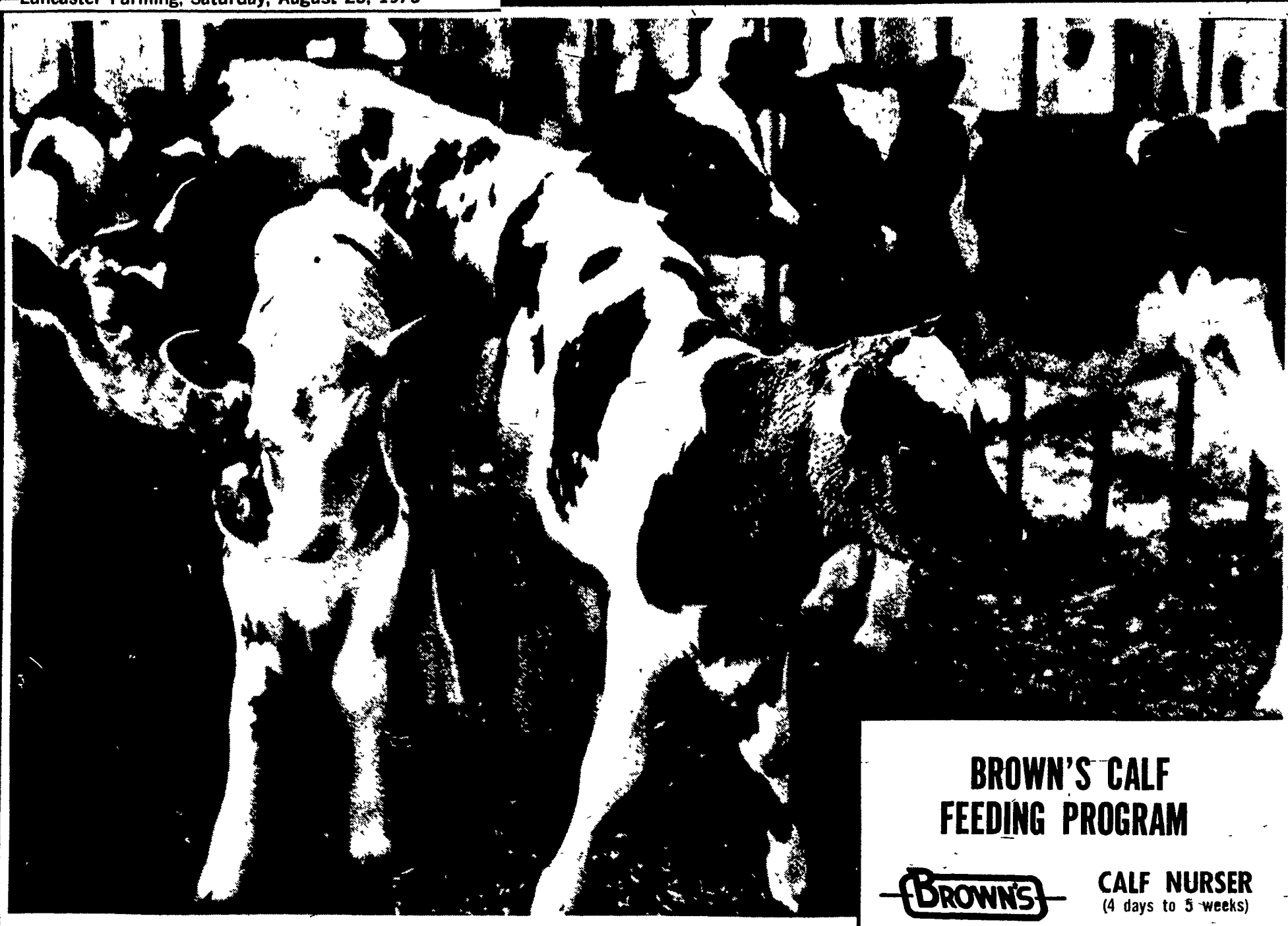

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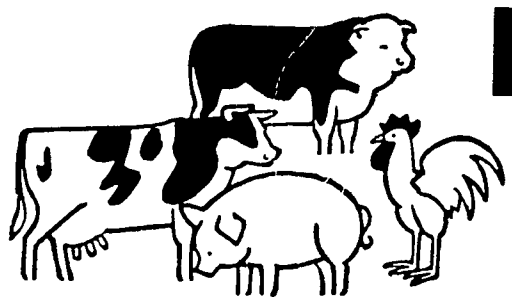

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